HNF1A Monoclonal Mouse Antibody (HNF1A/2087)



Product Description

HNF1A belongs to the homeobox protein family and is an essential transcription factor for many hepatic genes involved in detoxification, homeostasis and metabolisms of glucose, lipid, steroid and amino acid. In addition, HNF1A is an important component of the transcriptional networks governing embryonic pancreas development and differentiation. as well as maintaining the growth and function of islet cells in adult. HNF1A (Hepatocyte nuclear factor 1 alpha) is a transcription factor that is known to regulate pancreatic differentiation and maintain homeostasis of endocrine pancreas. Recently, genome-wide association studies have implicated HNF1Aas a susceptibility gene for pancreatic cancer. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. See the CF® Dye Brochure for more information. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors. **Stock status**: Because Biotium offers a large number of antibody and conjugation options, primary antibody conjugates may be made to order. Typical lead times are up to one week for CF® dye and biotin conjugates, and up to 2-3 weeks for fluorescent protein and enzyme conjugates. Please email order@biotium.com to inquire about stock status and lead times before placing your order.

Shipping condition Storage Conditions Storage Conditions Store at 2 to 6 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Regulatory status For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05%	Product attributes	•			
target) Antibody type Primary Host species Mouse Clonality Monoclonal Clone HNF1A/2087 Isotype IgG1, kappa Molecular weight 79 kDa Synonyms Albumin proximal factor; Hepatic nuclea factor 1 alpha; Hepatic transcription factor 1 alpha; Hepatic transcription reduction regulator factor; LFB1; LFB1; hepatic nuclear factor; Liver specific transcription factor 1 alpha; HNF1A; interferon production regulator factor; LFB1; LFB1; HB1, LFB1; Maturity onse diabetes of the young 3 (MODV3); TCF1; Transcription factor 1 hepatic Human gene symbol HNF1A Entrez gene ID 6927 SwissProt P20823 Unigene 654455 Immunogen Recombinant fragment (around aa 214-339) of human HNF1A protein (exact sequence is proprietary) HC (FFPE) (verified) Antibody target cellular localization Species reactivity Human Positive control Jurkat cells. Small Intestine or Pancreas Shipping condition Storage Conditions Storage Conditions For research use only (RUO) Antibody/conjugate formulation PBS/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA	Antibody number	#2087			
Host species Mouse Clonality Monoclonal Clone HNF1A/2087 Isotype IgG1, kappa Molecular weight 79 kDa Synonyms Albumin proximal factor; Hepatic nuclea factor 1 alpha; Hepatic transcription factor 1 alpha; Hepatic transcription reducion regulator factor; Liver specific transcription factor LFB1; LFB1 hepatic nuclear factor; Liver specific transcription factor LFB1; Malurity onse diabetes of the young 3 (MoDV3); TCF1; Transcription factor 1 hepatic Human gene symbol HNF1A Entrez gene ID 6927 SwissProt P20823 Unigene 654455 Immunogen Recombinant fragment (around aa 214-339) of human HNF1A protein (exact sequence is proprietary) Verified antibody antibody target cellular localization Species reactivity Human Positive control Jurkat cells. Small Intestine or Pancreas Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Regulatory status For research use only (RUO) Antibody/conjugate formulation PBS/0.1% BSA/0.05% BSA/0.05% BSA/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.15% BSA, Purified: 0.2 mg/mL in PBS/0.05%		HNF1A			
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Isotype IgG1, kappa	Clonality	Monoclonal			
Molecular weight 79 kDa	Clone	HNF1A/2087			
Albumin proximal factor; Hepatic nuclea factor 1 alpha; Hepatic transcription factor 1 alpha; Hepatic transcription factor 1 alpha; HNF-1 A; Interferon production regulator factor; LFB1; LFB1 hepatic nuclear factor; LFB1; Maturity onse diabetes of the young 3 (MODY3); TCF1; Transcription factor 1 hepatic Human gene symbol HNF1A Entrez gene ID 6927 SwissProt P20823 Unigene 654455 Immunogen Recombinant fragment (around aa 214-339) of human HNF1A protein (exact sequence is proprietary) Verified antibody HUC (FFPE) (verified) Nucleus localization Species reactivity Human Positive control Jurkat cells. Small Intestine or Pancreas Shipping condition Room temperature Storage Conditions Storage Conditions Storage Conditions For research use only (RUO) Antibody/conjugate formulation Antibody/conjugate formulation For research use only (RUO) Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide Purified, BSA-free: 1 mg/mL in PBS Validated in protein Shelf life Guaranteed for at least 24 months from date of receipt when stored as	Isotype	lgG1, kappa			
factor 1 alpha; Hepatic transcription factor 1 alpha; HNF-1A; Interferon production regulator factor; LIPB1; LFB1 hepatic nuclear factor; LIPB1; LFB1 hepatic nuclear factor; Liver specific transcription factor LFB1; Maturity onse diabetes of the young 3 (MODY3); TCF1; Transcription factor 1 hepatic Human gene symbol HNF1A Entrez gene ID 6927 SwissProt P20823 Unigene 654455 Immunogen Recombinant fragment (around aa 214-339) of human HNF1A protein (exact sequence is proprietary) Verified antibody HC (FFPE) (verified) Nucleus Jocalization Species reactivity Human Positive control Jurkat cells. Small Intestine or Pancreas Shipping condition Room temperature Storage Conditions Storage Conditions For research use only (RUO) Antibody/conjugate formulation For research use only (RUO) Antibody/conjugate formulation PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide Purified, BSA-free: 1 mg/mL in PBS Validated in protein Monospecific Shelf life Guaranteed for at least 24 months from date of receipt when stored as	Molecular weight	79 kDa			
Entrez gene ID SwissProt P20823 Unigene 654455 Immunogen Recombinant fragment (around aa 214-339) of human HNF1A protein (exact sequence is proprietary) Verified antibody Antibody target cellular localization Species reactivity Positive control Jurkat cells. Small Intestine or Pancreas Shipping condition Stora ge Conditions For research use only (RUO) Antibody/conjugate formulation Antibody/sonjugate formulation Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% azide Purified, BSA-free: 1 mg/mL in PBS without azide Validated in protein Shelf life Guaranteed for at least 24 months from date of receipt when stored as	Synonyms	factor 1 alpha; Hepatic transcription factor 1 alpha; HNF-1A; Interferon production regulator factor; LFB1; LFB1 hepatic nuclear factor; Liver specific transcription factor LFB1; Maturity onse diabetes of the young 3 (MODY3);			
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Human	Antibody target cellular	Nucleus			
Shipping condition Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Regulatory status Antibody/conjugate formulation Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05%	Species reactivity	Human			
Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C	Positive control	Jurkat cells. Small Intestine or Pancreas			
conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Regulatory status Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.55% azide Purified, BSA-free: 1 mg/mL in PBS without azide Validated in protein Shelf life Guaranteed for at least 24 months from date of receipt when stored as	Shipping condition	Room temperature			
Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% BSA/	Storage Conditions	conjugates from light, Note: store			
formulation BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purifies: 0.2 mg/mL in PBS/0.05% BSA, Purifies: 0.2 mg/mL in PBS/0.05% BSA/0.05% B	Regulatory status	For research use only (RUO)			
Shelf life Guaranteed for at least 24 months from date of receipt when stored as	Antibody/conjugate formulation	BSÁ/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide Purified, BSA-free: 1 mg/mL in PBS			
date of receipt when stored as	Validated in protein	Monospecific			
	Shelf life				

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Antibody # prefix BNC04	Conjugation CF®405S	Ex/Em (nm) 404/431	Laser line 405	Detection channel DAPI (microscopy), AF405	Dye Features CF@405S Features
BNC88	CF®488A	490/515	488	GFP, FITC	CF®488A Features
BNC68	CF®568	562/583	532, 561	RFP, TRITC	CF®568 Features
BNC94	CF®594	593/614	561	Texas Red®	CF®594 Features
BNC40	CF®640R	642/662	633-640	Cy®5	CF®640R Features
BNC47	CF®647	650/665	633-640	Cy®5	CF®647 Features
BNCB	Biotin	N/A	N/A	N/A	
BNUB	Purified	N/A	N/A	N/A	
BNUM	Purified,	N/A	N/A	N/A	

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