Cytokeratin 10/13 Monoclonal Mouse Antibody (DE-K13)



Product Description

This antibody recognizes cytokeratin 10 (56.5 kDa) and cytokeratin 13 (53 kDa) in Western blotting. It recognizes only cytokeratin 13 in formalin-fixed, paraffin-embedded tissue sections. It does not react with cytokeratin 10 positive, cytokeratin 13 negative epithelia such as epidermis. However, on frozen sections this MAb serves as differentiation-related marker of all stratified epithelia; it stains all suprabasal cells in both cornifying and non-cornifying stratified epithelia and more differentiated cells of squamous carcinomas. 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. Catalog number key for antibody number 0696, Anti-Cytokeratin 10 (DE-K13)

Product a Antibody nu Antibody res (target)

Call us: 800-304-5357 Email: btinfo@biotium.com

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| #0696 | | |
| Cytokeratin 10/13 | | |
| Primary | | |
| Mouse | | |
| Monoclonal | | |
| DE-K13 | | |
| IgG2a, kappa | | |
| 56.5 kDa (CK10) & 53 kDa (CK13) | | |
| BCIE, BIE, EHK, Keratin Type I Cytoskeletal 10, KRT10, CK13, K13, keratin type I cytoskeletal 13, Keratin-13 Krt1-13, KRT1 | | |
| KRT10 | | |
| 3858 | | |
| P13645 | | |
| 99936 | | |
| Cytoskeletal preparation extracted from human ectocervical epithelium | | |
| Cytoskeleton | | |
| IF (verified), IHC (FFPE) (verified) | | |
| Cat, Human | | |
| Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody, Immunofluorescence: 0.5-1 ug/mL, Flow Cytometry 0.5-1 ug/million cells/0.1 mL, Western blotting 0.25-0.5 ug/mL | | |
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| Cytometry 0.5-1 ug/million cells/0.1 mL, Western blotting 0.25-0.5 ug/mL A431, HeLa, MCF7 cells. Tonsil, | | |
| Cytometry 0.5-1 ug/million cells/0.1 mL, Western blotting 0.25-0.5 ug/mL A431, HeLa, MCF7 cells. Tonsil, esophageal or bladder carcinoma. | | |
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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, BSA-free | N/A | N/A | N/A | |

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