

CD19 Monoclonal Mouse Antibody (SJ25C1) - Biotium Choice

CD19 (clone SJ25C1) is a validated mouse monoclonal antibody that recognizes CD19, a transmembrane glycoprotein in B cells. The antibody belongs to the Biotium Choice list of select antibodies that have been validated and optimized in-house for optimal performance.

Slotium Company

Product Description

CD19 (clone SJ25C1) is a mouse monoclonal antibody that recognizes the transmembrane glycoprotein CD19. This antibody belongs to the Biotium Choice list of select antibodies that have been validated and optimized in-house for optimal performance. The antibody is available conjugated to CF® Dyes and Astral™ tandem dyes. They are supplied in PBS, 0.1% BSA, 0.05% azide.

CD19 is a transmembrane glycoprotein that contains two extracellular immunoglobulin-like domains. CD19 is present in both benign and malignant B-cells and is considered to be the most reliable surface marker of this lineage over a wide range of maturational stages. In normal lymphoid tissue, CD19 is observed in germinal centers, in mantle zone cells, and in scattered cells of the inter-follicular areas. Anti-CD19 exhibits an overall immunoreactivity pattern similar to those of the antibodies against CD20 and CD22. However, in contrast to CD20, expression of CD19 is continuous throughout B-cell development and through terminal differentiation of B-cells into plasma cells. Anti-CD19 positivity is seen in the vast majority of B-cell neoplasms commonly at a lower intensity than normal B-cell counterparts. Plasma cell neoplasms are nearly always negative, as are T-cell neoplasms.

As an isotype control, we recommend <u>Isotype Control, Monoclonal Mouse IgG1 Kappa (IGG1/1331)</u> for this antibody.

Discover Sharper Signals and Unmatched Panel Flexibility with Biotium Choice Antibodies Powered by CF® Dyes and Astral Leap™ Tandem Dyes

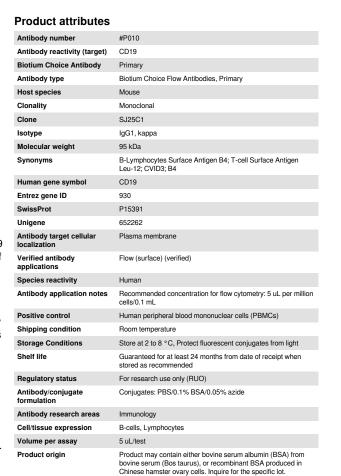
Powered by CF® byes and Astrai Leap¹^m Tandem byes

Biotium Choice antibodies are carefully curated and validated in-house to offer exceptional signal-to-noise. Labeled with our advanced CF® Dyes and Astral Leap™ tandem dyes, they are our top-recommended antibodies for flow cytometry and other applications.

Biotium Choice Antibody Features

- Robust and validated clones against common targets
- Developed and optimized for flow cytometry and other applications
- Conjugated to bright, photostable <u>CF® Dyes</u> for superior signal and clarity
- Also available with Astral LeapTM tandem dyes for expanding multiplexing
- New antibody clones and dye conjugates continuously in development

View our full catalog of Biotium Choice antibodies



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Conjugation	Ex/Em	Conc.	Size	Catalog No.	Dye Features
<u>CF®405M</u>	416/452 nm	100 ug/mL	25 tests (125 uL)	P010-405M-125	CF®405M Features
			100 tests (500 uL)	P010-405M-500	
<u>CF®488A</u>	490/516 nm	100 ug/mL	25 tests (125 uL)	P010-488A-125	CF®488A Features
			100 tests (500 uL)	P010-488A-500	
<u>CF®575</u>	575/601 nm	200 ug/mL	25 tests (125 uL)	P010-575-125	
			100 tests (500 uL)	P010-575-500	
<u>RPE-Astral™616</u>	496, 546, 566/617 nm	50 ug/mL	25 tests (125 uL)	P010-R616-125	<u>RPE-Astral™616</u> Features
			100 tests (500 uL)	P010-R616-500	
CF®647Plus	652/668 nm	25 ug/mL	25 tests (125 uL)	P010-647P-125	
			100 tests (500 uL)	P010-647P-500	
<u>CF®700</u>	696/721 nm	100 ug/mL	25 tests (125 uL)	P010-700-125	CF®700 Features
			100 tests (500 uL)	P010-700-500	
<u>APC-Astral™813</u>	633, 638/813 nm	50 ug/mL	25 tests (125 uL)	P010-A813-125	APC-Astral TM 813 Features
			100 tests (500 uL)	P010-A813-500	
<u>R-PE</u>	496, 546, 565/576 nm	50 ug/mL	25 tests (125 uL)	P010-RPE-125	
			100 tests (500 uL)	P010-RPE-500	

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Call us : <u>800-304-5357</u>

Email: techsupport@biotium.com