

CD323 (JAM3) Monoclonal Antibody (SHM33), eFluor 570, eBioscience™

Product Details	
Size	25 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	SHM33
Conjugate	eFluor® 570
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2573603

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1 µg/mL	-
Immunofluorescence (IF)	1 µg/mL	-
Immunohistochemistry (IHC)	Assay-Dependent	-

Product Specific Information

Description: The SHM33 monoclonal antibody reacts with human CD323, which is also known as Junctional Adhesion Molecule (JAM) 3. A member of the Ig superfamily of transmembrane proteins, CD323 is expressed on endothelial and epithelial cells, smooth muscle cells, peripheral nerves, platelets, and some B cells. In addition, this receptor is expressed on VEGF and histamine-stimulated endothelial cells, as well as on activated T cells. CD323 is involved in neutrophil transmigration during inflammation, angiogenesis, cell polarity, and nerve conduction. CD323 interacts homo- and heterotypically with beta2 and beta3 integrins, JAM2, and the viral receptor CAR.

Applications Reported: This SHM33 antibody has been reported for use in microscopy, immunohistochemical staining, and immunocytochemistry.

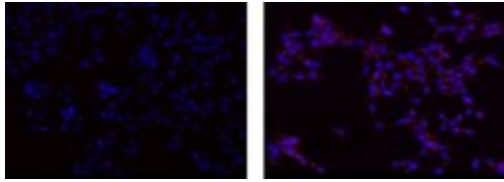
Applications Tested: This SHM33 antibody has been tested by immunocytochemistry of methanol-fixed human cells and can be used at less than or equal to 1 µg/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Filter Recommendation: When using this eFluor® 570 antibody conjugate, we recommend a filter that will capture the 570 emission wavelength (for example, Excitation 545/25, 565LP, Emission 605/70). A standard Alexa Fluor® 555 or TRITC filter is

acceptable.

Excitation: 555 nm; Emission: 570 nm

Product Images For CD323 (JAM3) Monoclonal Antibody (SHM33), eFluor 570, eBioscience™



CD323 (JAM3) Antibody (41-3239-80) in ICC

Immunocytochemistry of methanol-fixed HEK293 cells stained with 1 µg/mL of Mouse IgG2a K Isotype Control eFluor® 570 (left) or 1 µg/mL of Anti-Human CD323 (JAM3) eFluor® 570 (right). Nuclei are stained with DAPI.

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