

Product Datasheet

MAdCAM-1 Antibody (314G8)

NB100-63263

Unit Size: 0.25 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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MAdCAM-1 Antibody (314G8)

Product Information	
Unit Size	0.25 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	314G8
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	Phosphate buffered saline
Product Description	
Host	Mouse
Gene ID	8174
Gene Symbol	MADCAM1
Species	Human
Specificity/Sensitivity	Recognizes human mucosal address in cell adhesion molecule 1 (MAdCAM-1) a 60kD cell surface protein that is involved in lymphocyte trafficking. MAdCAM-1 is expressed on high endothelial venules of Peyer's patches and mesenteric lymph nodes. MAdCAM-1 expression has also been reported in the gut lamina propria but clone 314G8 does not recognize MAdCAM-1 in these tissues. Clone 314G8 reacts with the ligand-binding first Ig domain and reports suggest that a splice variant exists in the gut which is not recognized by clone 314G8. Clone 314G8 is reported to block the interaction of MAdCAM-1 with alpha 4 beta 7.
Immunogen	Recombinant soluble MAdCAM-1-fc fusion protein.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunohistochemistry, Immunohistochemistry-Frozen 1:25-1:200
Application Notes	Use in WB was reported in the scientific literature (PMID: 15283850).





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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