

Anti-ITGAD Reference Antibody (Lilly patent anti-ITGAD)

Catalog # APR11549

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q13349
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP-opti-FALA
Calculated MW	126758

Additional Information

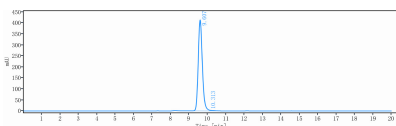
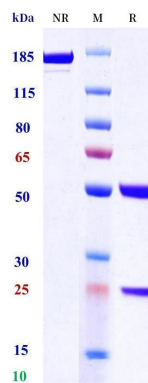
Target/Specificity	ITGAD
Expression system	CHO

Protein Information

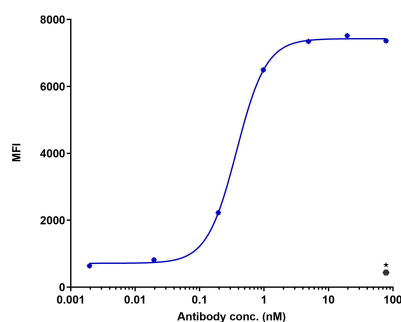
Name	ITGAD (HGNC:6146)
Function	Integrin alpha-D/beta-2 is a receptor for ICAM3 and VCAM1 (PubMed: 10438935 , PubMed: 8777714 , PubMed: 9841932). May play a role in the atherosclerotic process such as clearing lipoproteins from plaques and in phagocytosis of blood-borne pathogens, particulate matter, and senescent erythrocytes from the blood (Probable).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed moderately on myelomonocytic cell lines and subsets of peripheral blood leukocytes and strongly on tissue- specialized cells, including macrophages foam cells within atherosclerotic plaques, and on splenic red pulp macrophages

Images

Anti-ITGAD Reference Antibody (Lilly patent anti-ITGAD) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-ITGAD Reference Antibody (Lilly patent anti-ITGAD) is 100%, determined by SEC-HPLC.



PLVX-puro-ITGAD-FL cell line were stained with Lilly patent anti-ITGAD and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.4032 nM.

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