

Anti-CD99 Reference Antibody (Stanford U. patent anti-CD99)

Catalog # APR11484

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P14209
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	18848

Additional Information

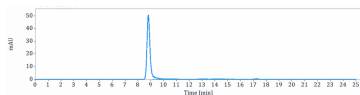
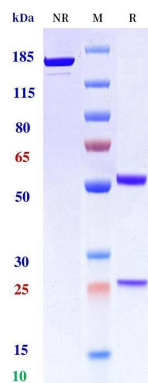
Target/Specificity	CD99
Expression system	CHO

Protein Information

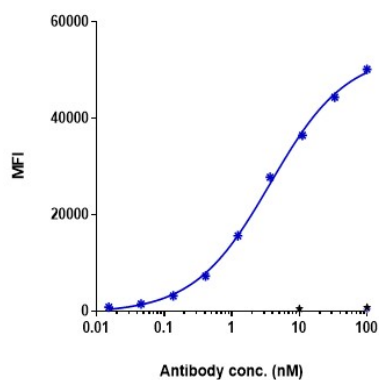
Name	CD99
Synonyms	MIC2, MIC2X, MIC2Y
Function	Involved in T-cell adhesion processes and in spontaneous rosette formation with erythrocytes. Plays a role in a late step of leukocyte extravasation helping leukocytes to overcome the endothelial basement membrane. Acts at the same site as, but independently of, PECAM1. Involved in T-cell adhesion processes (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein

Images

Anti-CD99 Reference Antibody (Stanford U. patent anti-CD99) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-CD99 Reference Antibody (Stanford U. patent anti-CD99) is 99.13%, determined by SEC-HPLC.



AGS cells were stained with Stanford U. patent anti-CD99 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 3.734 nM.

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