

Product datasheet for **TA320417**

LY75 Mouse Monoclonal Antibody [Clone ID: MG38]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MG38
Applications:	FC
Recommended Dilution:	Flow, IHC, IP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	lymphocyte antigen 75
Database Link:	NP_002340 Entrez Gene 4065 Human O60449

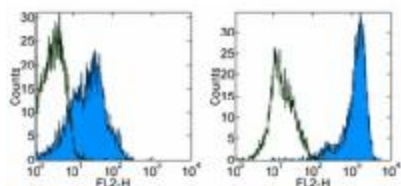
Background: The MG38 monoclonal antibody reacts with human CD205, also known as DEC-205, an integral membrane protein homologous to the macrophage mannose receptor. CD205 is an endocytic dendritic receptor that mediates efficient processing and presentation of antigens on MHC class II productions in vivo. CD205 is highly expressed by dendritic cells (DCs) within the T cell areas of lymphoid tissues, particularly on CD8+ DCs that are believed to play a role in cross-priming. Expression of CD205 is detected with this antibody at high intensity on in vitro derived mature human DCs (mDC) and at intermediate intensity on immature human DCs (iDC). All leukocytes from peripheral blood show a degree of staining with this mAb that can be minimized by using very low concentrations of MG38.

Synonyms: CD205; CLEC13B; DEC-205; GP200-MR6; LY-75

Protein Families: Transmembrane



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Product images:

Staining of normal human peripheral blood cells (left) and mature dendritic cells (right) with Mouse IgG2b kappa Isotype Control Purified (open histogram) or 0.015 ug of Anti-Human CD205 Purified (filled histogram) followed by Anti-Mouse IgG Biotin and Streptavidin PE. Total viable cells were used for analysis.