

Anti-RP105 / CD180 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17380

Product Information

Application	WB, IHC-P
Primary Accession	Q99467
Predicted	Human, Mouse, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74179
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	4064
Alias Symbol	CD180
Other Names	CD180, CD180 antigen, Lymphocyte antigen 64, Ly78, LY64, CD180 molecule, RP105
Target/Specificity	Recognizes endogenous levels of CD180 protein.
Reconstitution & Storage	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.
Precautions	Anti-RP105 / CD180 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CD180
Synonyms	LY64, RP105
Function	Pattern recognition receptor predominantly expressed on B- cells, dendritic cells, and certain monocytes/macrophages, structurally resembling Toll-like receptors (TLRs) that plays a role in modulating immune responses (PubMed: 15852007). While resembling a TLR, lacks the intracellular TIR (Toll/IL-1R) signaling domain and thus does not directly transduce signals. Instead, modulates immune responses, often in conjunction with other TLRs. For example, in cooperation with MD- 1/LY86, interacts directly with the TLR4 signaling complex, inhibiting its ability to bind microbial ligand (PubMed: 15852007).
Cellular Location	Cell membrane; Single-pass type I membrane protein

Tissue Location

Expressed mainly on mature peripheral B cells. Detected in spleen, lymph node and appendix. Not detected in pre-B and -T cells

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.