

RP105 / CD180 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12394**Specification**

RP105 / CD180 Antibody (N-Terminus) - Product Information

Application	IF
Primary Accession	Q99467
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74kDa KDa

RP105 / CD180 Antibody (N-Terminus) - Additional Information**Gene ID** 4064**Other Names**

CD180 antigen, Lymphocyte antigen 64, Radioprotective 105 kDa protein, CD180, CD180, LY64, RP105

Target/Specificity

11 amino acid peptide from near the amino terminus of human RP105

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

RP105 / CD180 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

RP105 / CD180 Antibody (N-Terminus) - Protein Information**Name** CD180**Synonyms** LY64, RP105**Function**

May cooperate with MD-1 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS) in B-cells. Leads to NF- kappa-B activation. Also involved in the life/death decision of B-cells (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

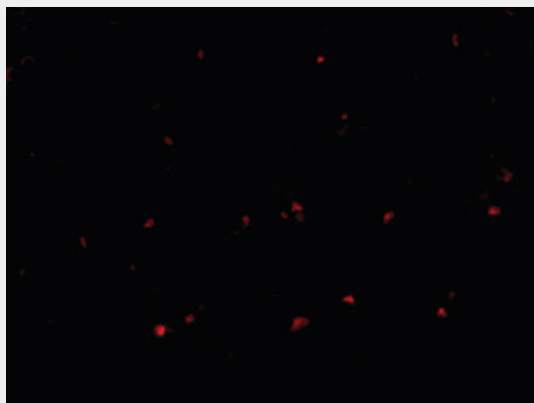
Expressed mainly on mature peripheral B cells. Detected in spleen, lymph node and appendix. Not detected in pre-B and -T cells

RP105 / CD180 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RP105 / CD180 Antibody (N-Terminus) - Images



Immunofluorescence of RP105 in human spleen tissue with RP105 antibody at 20 ug/ml.

RP105 / CD180 Antibody (N-Terminus) - Background

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RP105 / CD180 Antibody (N-Terminus) - References

Miura Y., et al. Genomics 38:299-304(1996).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Schmutz J., et al. Nature 431:268-274(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Zhang Z., et al. Protein Sci. 13:2819-2824(2004).