



20150116ML

Anti-Human CD229 (#3L25)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M296
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of CD229 extracellular domain (also called SLAMF3).

Target Background

Synonyms (Target):	LY9; hly9; mLY9; CD229; SLAMF3
---------------------------	--------------------------------

CD229, also known as Ly-9 and SLAMF3, is a type I transmembrane protein belonging to the CD150/SLAM subfamily of the immunoglobulin superfamily. CD229 is expressed on T and B cells.

Database References Target

Protein RefSeq:	NP_032560
Uniprot ID:	Q01965
mRNA RefSeq:	NM_008534.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#3L25)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	Human recombinant CD229 EC domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human CD229.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB, FC

Recommended usage:

WB: 1:500-1000

FC: 1:50-100

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!