



20150116ML

Anti-Human CD166 (#3L29)

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

Cat.-no.:	101-M292
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 CD166/ALCAM extracellular domain recombinant protein.

Target Background

Synonyms (Target):	ALCAM; MEMD; CD166
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Activated leukocyte cell adhesion molecule (ALCAM) is a type I membrane glycoprotein that is a member of the immunoglobulin superfamily. It is also known as CD166, MEMD, SC-1/DM-GRASP/BEN in the chicken, and KG-CAM in the rat.

Database References Target

Protein RefSeq:	NP_001618.2
Uniprot ID:	Q13740
mRNA RefSeq:	NM_001627

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#3L29)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	Human recombinant CD166 (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 CD166.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:500-1000

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