

Product datasheet

Anti-ICAM3 antibody [MEM-171] ab1048

1 References

Overview

Product name	Anti-ICAM3 antibody [MEM-171]
Description	Mouse monoclonal [MEM-171] to ICAM3
Host species	Mouse
Tested applications	Suitable for: Flow Cyt, IP
Species reactivity	Reacts with: Human
Immunogen	Tissue/ cell preparation (Human granulocytes).
Epitope	MEM 171 recognizes an epitope in the D2 domain of human CD50 (ICAM 3).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 15mM Sodium Azide Constituents: PBS, pH 7.4
Purity	>95% by SDS-PAGE
Purification notes	Purified from ascites by protein A affinity chromatography.
Clonality	Monoclonal
Clone number	MEM-171
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab1048** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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Application	Abreviews	Notes
Flow Cyt		Use a concentration of 4 µg/ml. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.

Target

Function	ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM3 is also a ligand for integrin alpha-D/beta-2.
Sequence similarities	Belongs to the immunoglobulin superfamily. ICAM family. Contains 5 Ig-like C2-type (immunoglobulin-like) domains.
Post-translational modifications	Upon stimulation by a physiologic stimuli becomes rapidly and transiently phosphorylated on serine residues. N-glycosylated; glycans consist of a mixture of tri- and tetra-antennary complex-type chains and high-mannose chains.
Cellular localization	Membrane.

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