

## Product datasheet

# Anti-ICAM3 antibody [MEM-171] ab1048

### 1 References

#### Overview

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

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	Preservative: 15mM Sodium Azide Constituents: PBS, pH 7.4
<b>Purity</b>	>95% by SDS-PAGE
<b>Purification notes</b>	Purified from ascites by protein A affinity chromatography.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	MEM-171
<b>Isotype</b>	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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Flow Cyt		Use a concentration of 4 µg/ml. <a href="#">ab170190</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.

## Target

<b>Function</b>	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.
<b>Sequence similarities</b>	Belongs to the immunoglobulin superfamily. ICAM family. Contains 5 Ig-like C2-type (immunoglobulin-like) domains.
<b>Post-translational modifications</b>	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.
<b>Cellular localization</b>	Membrane.

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