



20150116ML

**Anti-Mouse ICAM-5 (#3J37)****FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>103-M399</b>
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 rat) immunized with mouse recombinant protein of ICAM-5 EC domain.

**Target Background**

<b>Synonyms (Target):</b>	Icam5; TLN; CD50; Tlcn; Icam3; ICAM-3
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Intercellular adhesion molecule 5 (ICAM-5), also known as telencephalin, is a cell surface glycoprotein belonging to the immunoglobulin superfamily. Human ICAM-5 consists of an 832 amino acid (aa) extracellular domain containing 9 immunoglobulin (Ig) domains and 15 N-glycosylation sites, a 28 aa transmembrane domain, and a 64 aa cytoplasmic domain. ICAM-5 binds to the leukocyte integrin LFA-1 (CD11a/CD18).

**Database References Target**

<b>Protein RefSeq:</b>	NP_032345.2
<b>Uniprot ID:</b>	Q60625
<b>mRNA RefSeq:</b>	NM_008319.2

**Product Specifications**

<b>Host</b>	Rat
<b>Reactivity against</b>	Mouse
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#3J37)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G/A chromatography
<b>Antigen</b>	recombinant mouse protein of ICAM-5 extracellular protein
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	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 detects specifically mouse ICAM-5 with WB

**AVOID REPEATED FREEZE AND THAW CYCLES!****Applications**

The antibody can be used within the following applications:

WB

**Recommended usage:****WB:** 1:50-200

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