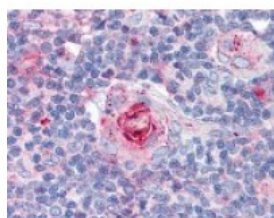




## ICAM1 Antibody [MEM-111]

CATALOG NUMBER: 48-989



Immunohistochemistry staining of ICAM1  
in thymus tissue using ICAM1 monoclonal  
Antibody.

### Specifications

<b>SPECIES REACTIVITY:</b>	Bovine, Human, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, FACS, IHC, WB
<b>APPLICATIONS:</b>	ELISA, FACS, IHC-P (10 ug/ml), WB
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>SPECIFICITY:</b>	Reacts with CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus). T
<b>IMMUNOGEN:</b>	ICAM1 monoclonal antibody was raised against Raji human Burkitt's lymphoma cell line (Human).
<b>HOST SPECIES:</b>	Mouse

### Properties

<b>PURIFICATION:</b>	Protein A Column
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS, 15 mM sodium azide, approx., pH 7.4.
<b>STORAGE CONDITIONS:</b>	ICAM1 antibody can be stored short term 4 °C. For long term storage aliquot and store at -20 °C. As with all antibodies avoid freeze/thaw cycles.
<b>CLONALITY:</b>	Monoclonal
<b>ISOTYPE:</b>	IgG2a
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	ICAM1, BB2, CD54 antigen, CD54, ICAM-1, p3.58
<b>ACCESSION NO.:</b>	P05362
<b>PROTEIN GI NO.:</b>	68067956
<b>OFFICIAL SYMBOL:</b>	ICAM1
<b>GENE ID:</b>	3383

### Background

**BACKGROUND:**

he expression of CD54 is upregulated by activation; it is expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells. ICAM1 (CD54) is typically expressed on endothelial cells and cells of the immune system. ICAM1 binds to integrins of type CD11a / CD18, or CD11b / CD18. ICAM1 is also exploited by Rhinovirus as a receptor.

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**FOR RESEARCH USE ONLY**

December 13, 2016