

Rat anti mouse ICAM-1 (CD54)

ORDERING INFORMATION

Catalog Number:	mAP-0043
Size:	200 µg
Storage:	< -20° C
Immunogen:	Cytokine Stimulated Mouse Endothelial cells
Ig Type:	Rat IgG2
Clone:	AP-MAB0802
Applications:	Flow Cytometry & IHC (Paraffin)

Description: ICAM-1, a 95 kDa surface antigen found on endothelial cells, lymphocytes, epithelial cells, dendritic cells, and keratinocytes. ICAM-1 is a ligand for LFA-1 (CD11a/CD18) and MAC-1 (CD11b/CD18). Its expression is up regulated upon stimulation by inflammatory mediators such as cytokines and LPS and it's involved in B cell T-cell co- stimulatory interactions.

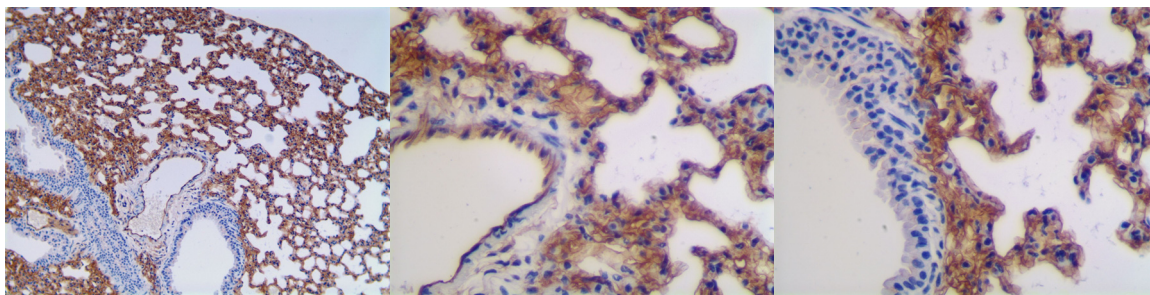
Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with cytokine stimulated mouse endothelial cells.

Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 400 µl sterile PBS (final concentration 500µg/ml). Reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Application(s)

1.	Flow Cytometry	Yes	(1:100-1000)
2.	Immunohistochemistry (Paraffin):	Yes	(1: 500-2000)



4% PFA fixed and paraffin embedded mouse lung tissue (LPS treated) section was subjected to IHC staining using mAP-0043.

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Tel: 617-549-2665; Fax: (480) 247-4337, angioproteomie@gmail.com