

## Anti-ICAM1 Monoclonal Antibody-Biotin

## Product Details

Ig Type:	Rabbit monoclonal IgG
Reactivity:	Human
Conjugation:	Biotin
Molecular Weight:	150 kDa
Purification:	Protein A Affinity Purified

## Applications

Verified Activity:	Flow cytometry analysis of ICAM1 overexpressed 293F cells with TMAZ-0131BBI, which was counjugated with SA-PE (red). The WT 293F control is black line.
Application:	ELISA, FCM
Recommended	0.1-0.2 µg/10E6 cells for FCM; 1 ng/µl for ELISA

## Properties

Purity:	> 95% as determined by SDS-PAGE.
Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	ICAM1
Antigen Species:	Human
Gene ID:	3383
Uniprot ID:	P05362
Synonyms:	Intercellular adhesion molecule 1;Major group rhinovirus receptor
Biology Area:	Cancer Research

## Research Background

ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation[(Microbial infection) Acts as a receptor for major receptor group rhinovirus A-B capsid proteins[(Microbial infection) Acts as a receptor for Coxsackievirus A21 capsid proteins[(Microbial infection) Upon Kaposi's sarcoma-associated herpesvirus/HHV-8 infection, is degraded by viral E3 ubiquitin ligase MIR2, presumably to prevent lysis of infected cells by cytotoxic T-lymphocytes and NK cell

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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