

## Anti-CD54/ICAM-1 Antibody (R6-5-D6)

### Chemical Properties

CAS No. :

Formula:

Molecular Weight: 150 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	Anti-CD54/ICAM-1 Antibody (R6-5-D6) is an inhibitory antibody that specifically targets human CD54/ICAM-1 and effectively blocks the interaction between CD54 and its ligand lymphocyte function-associated antigen 1 (LFA-1). It is suitable for research in inflammation and immunology.
Targets(IC50)	Integrin
In vitro	Anti-CD54/ICAM-1 Antibody (R6-5-D6) induces the differentiation of human naive CD4+ T cells toward a regulatory T cell phenotype when administered at 10 µg/mL for 10 days [1]. Treatment with Anti-CD54/ICAM-1 Antibody (R6-5-D6) at 2-12 µg/mL for 15 minutes reduces basal adhesion in human umbilical vein endothelial cells (HUVECs) and inhibits the increase in adhesion induced by IL-1 or LPS stimulation [2].

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0067 mL	0.0333 mL	0.0667 mL
5 mM	0.0013 mL	0.0067 mL	0.0133 mL
10 mM	0.0007 mL	0.0033 mL	0.0067 mL
50 mM	0.0001 mL	0.0007 mL	0.0013 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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

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