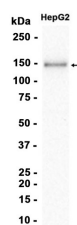


Recombinant CD50/ICAM-3 Monoclonal Antibody

catalog number: AN300042P

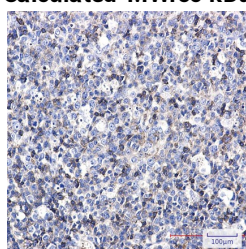
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Recombinant Human CD50 / ICAM-3 protein
Host	Rabbit
Isotype	IgG
Clone	C310035
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
Recommended Dilution	
WB:	1:1000-1:5000; IHC-P: 1:200-1:1000; ICC/IF: 1:100-1:200
Data	

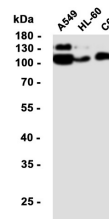


Western blot analysis of extracts from HepG2 cells at 1:1000.

Observed-MW:110-160 kDa
Calculated-MW:60 kDa

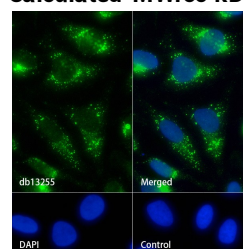


Immunohistochemical analysis of paraffin-embedded human tonsil .



Western blot analysis of extracts from A549, HL-60, C6 cells at 1:1000.

Observed-MW:110-160 kDa
Calculated-MW:60 kDa



Immunofluorescence analysis of HeLa cells labelling ICAM3. The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (shown in green). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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Background

The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2016]

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