Recombinant DGRmAb®

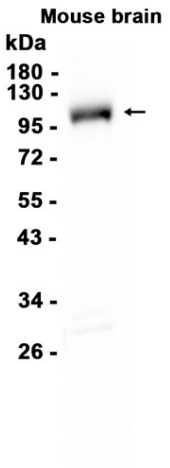
VCAM1 (DGR14388) Rabbit mAb

db11080 **Package : 10μL 20μL 50μL 100μL**

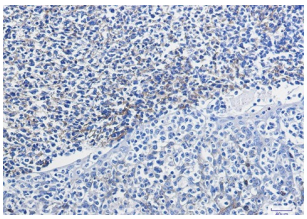
Product Name : VCAM1 (DGR14388) Rabbit mAb
Cat.No.: db11080
Synonyms : CD106; INCAM-100
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of artherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Dec 2010]
Immunogen	A synthetic peptide of mouse VCAM1
Gene ID	7412
Swiss Prot	P19320
Synonyms	CD106; INCAM-100
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:200-1:1000 ICC/IF: 1:100-1:200 FC: 1:20-1:50 IP: 1:20-1:50
Calculated MW	81 kDa
Observed MW	110 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14388

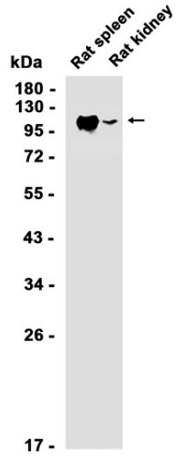
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



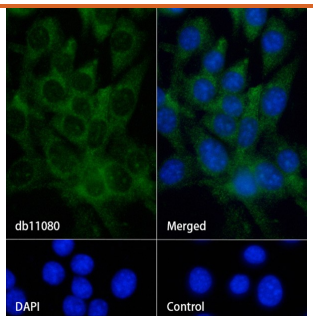
Western blot analysis of extracts from Mouse brain tissue using db11080 at 1:2000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db11080 antibody.



Western blot analysis of extracts from Rat spleen, Rat kidney tissues using db11080 at 1:2000.



Immunofluorescence analysis of 3T3 cells labelling VCAM1 with db11080.

The cells were fixed with cold 100% methanol (10min, 4℃) 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 with db11080 (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 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.