Recombinant DGRmAb®

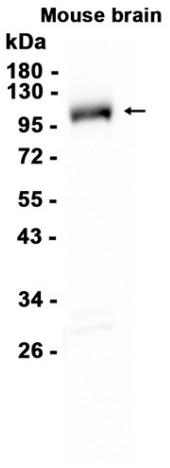
VCAM1 (DGR14388) Rabbit mAb (PBS Only)

db11080-PBS **Package : 10μg 100μg**

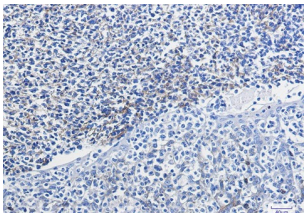
Product Name : VCAM1 (DGR14388) Rabbit mAb (PBS Only)
Cat.No.: db11080-PBS
Synonyms : CD106; INCAM-100
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Calculated MW	81 kDa
Observed MW	110 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14388
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL

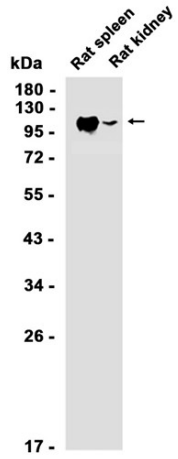
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



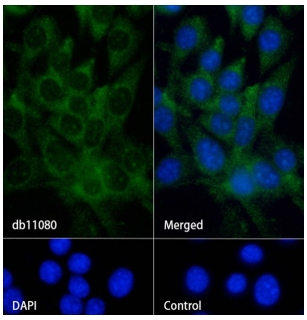
Western blot analysis of extracts from Mouse brain tissue using db11080 at 1:2000.



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.