Recombinant DGRmAb®

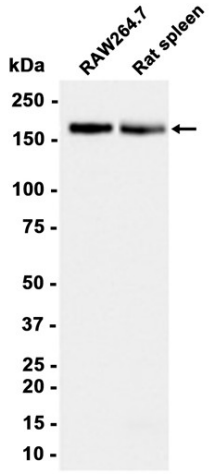
CD11b (DGR11714) Rabbit mAb (PBS Only)

db12238-PBS **Package : 10μg 100μg**

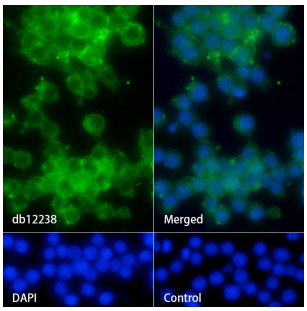
Product Name : CD11b (DGR11714) Rabbit mAb (PBS Only)
Cat.No.: db12238-PBS
Synonyms : CR3; CR3A; MAC1; Cd11b; Ly-40; Mac-1; Mac-1a; CD11b/CD18; F730045J24Rik
Application : WB, ICC/IF, IP
Reactivity : Mouse
Host species : Rabbit

Background	This gene encodes the integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
Immunogen	A synthetic peptide of mouse CD11b
Gene ID	16409
Swiss Prot	P05555
Synonyms	CR3; CR3A; MAC1; Cd11b; Ly-40; Mac-1; Mac-1a; CD11b/CD18; F730045J24Rik
Reactivity	Mouse
Application	WB, ICC/IF, IP
Calculated MW	128 kDa
Observed MW	170 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11714
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 RAW264.7 cells and Rat spleen tissue using db12238 at 1:1000.



Immunofluorescence analysis of RAW 264.7 cells labelling CD11b with db12238.

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 db12238 (1:200) 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.