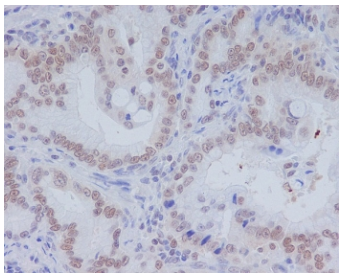
CD11b Antibody BCG-9 / MAC-1 / ITGAM [clone BCG-9] (RQ5357)

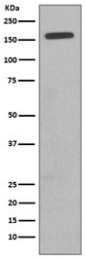
Catalog No.	Formulation	Size
RQ5357	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	BCG-9
Purity	Affinity purified
UniProt	P11215
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:50-1:200
Limitations	This CD11b Antibody BCG-9 is available for research use only.



CD11b Antibody BCG-9 Immunohistochemistry. IHC staining of FFPE human colon carcinoma with CD11b antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



Western blot testing of human TF-1 cells with CD11b antibody. Expected molecular weight: 127~170 kDa depending on glycosylation level.

Description

The ITGAM gene encodes the integrin alpha M chain, also called CD11b and MAC-1. 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. [RefSeq]

See our CD11b Antibody ITGAM/3338 page for a monoclonal antibody targeting the ITGAM alpha chain.

Application Notes

Optimal dilution of the CD11b Antibody BCG-9 should be determined by the researcher.

Immunogen

A synthetic peptide specific to human CD11b / ITGAM was used as the immunogen for the CD11b Antibody BCG-9.

Storage

Store the CD11b Antibody BCG-9 at -20oC.

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