

## Anti-CD11b ITGAM Rabbit Monoclonal Antibody

Catalog Number: M00144-1

### About ITGAM

Phosphoinositide-3-kinase (PI3K) that phosphorylates PtdIns (Phosphatidylinositol), PtdIns4P (Phosphatidylinositol 4-phosphate) and PtdIns (4,5) P2 (Phosphatidylinositol 4,5-bisphosphate) to generate phosphatidylinositol 3,4,5-trisphosphate (PIP3) . PIP3 plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. Participates in cellular signaling in response to various growth factors.

### Overview

Product Name	Anti-CD11b ITGAM Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CD11b ITGAM Rabbit Monoclonal Antibody catalog # M00144-1. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal GC-9
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P11215

### Technical Details

Immunogen	A synthesized peptide derived from human CD11b
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p>

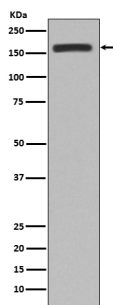
Boster Bio's internal QC testing used:

WB 1:500-1:2000

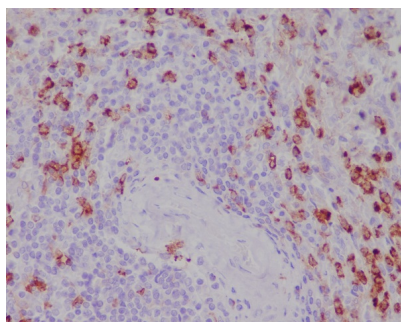
IHC 1:50-1:200

ICC/IF 1:50-1:200

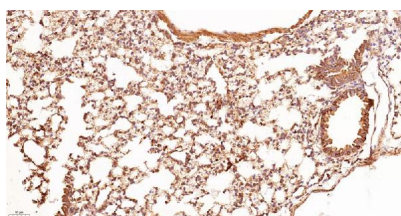
## Anti-CD11b ITGAM Rabbit Monoclonal Antibody (M00144-1) Images



Western blot analysis of CD11b expression in RAW264.7 cell lysate.



Immunohistochemical analysis of paraffin-embedded human spleen, using CD11b Antibody.



Immunohistochemical analysis of paraffin-embedded mouse lung, using CD11b Antibody.

## 1 Publications Citing This Product

1. PubMed ID: 28100749, Promoted interaction of C/EBPu03B1 with demethylated Cxcr3 gene promoter contributes to neuropathic pain in mice

Visit [bosterbio.com/anti-cd11b-rabbit-monoclonal-antibody-m00144-1-boster.html](http://bosterbio.com/anti-cd11b-rabbit-monoclonal-antibody-m00144-1-boster.html) to see all 1 publications.

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