

# CD11b Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human CD11b recombinant protein (Position: F17-T382).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	no preservative
Storage conditions	-20°C
RRID	AB_2746648

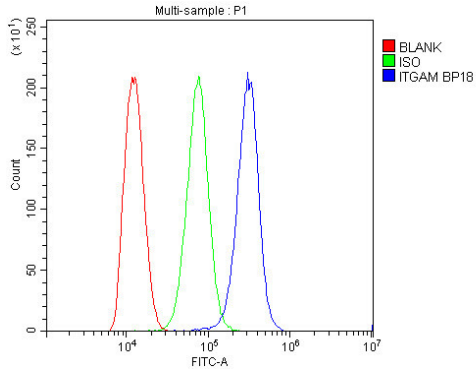
Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10 <sup>6</sup> cells	-

## Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

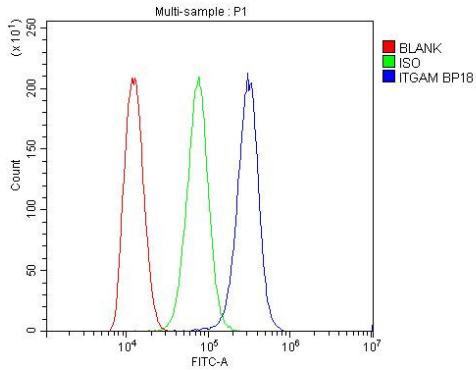
Positive Control - IHC: human tonsil tissue, mouse spleen tissue, rat spleen tissue. Flow: THP-1 cell.

## Product Images For CD11b Polyclonal Antibody



### CD11b Antibody (PA5-79533) in Flow

Flow cytometry analysis of CD11b in THP-1 cells using CD11b Polyclonal Antibody (Product # PA5-79533), shown in overlay histogram (blue line). The cells were fixed with 4% paraformaldehyde and blocked with 10% normal goat serum, and incubated with the primary antibody (1 g/1x10<sup>6</sup> cells) for 30 min at 20°C. DyLight 488 conjugated goat anti-rabbit IgG (5-10 µg/1x10<sup>6</sup> cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 µg/1x10<sup>6</sup>) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



### CD11b Antibody (PA5-79533) in Flow

Flow Cytometry of CD11b in THP-1 cells (blue line), isotype control rabbit IgG (green line) and unlabeled (red line). Samples were blocked with 10% goat serum, incubated with CD11b Polyclonal Antibody (Product # PA5-79533) at a dilution of 1 g (per 1x10<sup>6</sup> cells), followed by DyLight®488 conjugated goat anti-rabbit IgG (for 30 minutes at 20°C) using 5-10 g (per 1x10<sup>6</sup> cells) dilution.

## 2 References

### Western Blot (1)

#### CNS neuroscience & therapeutics

#### Atractylenolide III ameliorates spinal cord injury in rats by modulating microglial/macrophage polarization.

"PA5-79533 was used in Flow Cytometry, Immunohistochemistry (Paraffin), Western Blot to reveal a novel effect of ATL-III in the regulation of microglial/macrophage polarization and provides initial evidence that ATL-III has potential therapeutic benefits in SCI rats."

Authors: Xue MT, Sheng WJ, Song X, Shi YJ, Geng ZJ, Shen L, Wang R, Lü HZ, Hu JG

Year  
2022

Species  
Mouse

Dilution  
1:200

### Immunohistochemistry (1)

#### CNS neuroscience & therapeutics

#### Atractylenolide III ameliorates spinal cord injury in rats by modulating microglial/macrophage polarization.

"PA5-79533 was used in Flow Cytometry, Immunohistochemistry (Paraffin), Western Blot to reveal a novel effect of ATL-III in the regulation of microglial/macrophage polarization and provides initial evidence that ATL-III has potential therapeutic benefits in SCI rats."

Authors: Xue MT, Sheng WJ, Song X, Shi YJ, Geng ZJ, Shen L, Wang R, Lü HZ, Hu JG

Year  
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Mouse

Dilution  
1:200

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