

## Product Datasheet

### CD11b Antibody (N-term) (orb1938809)

<b>Catalog Number</b>	orb1938809
<b>Category</b>	Antibodies
<b>Description</b>	Affinity Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	ITGAM
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Immunogen</b>	This CD11b antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 253-282 amino acids from the N-terminal region of human CD11b. Antigen Region: 253-282 aa.
<b>UniProt ID</b>	<b>P11215</b>
<b>MW</b>	127179 Da
<b>Tested applications</b>	FC, IHC-P, WB
<b>Dilution range</b>	WB - 1:2000, IHC-P - 1:25, FC - 1:10-50
<b>Antibody Type</b>	Primary Antibody

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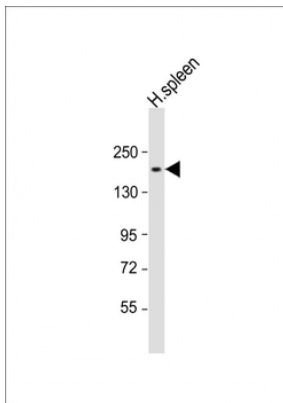
**Biorbyt LLC**

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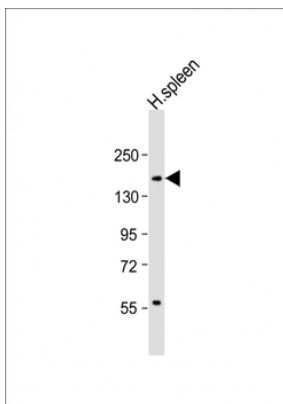
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<b><a href="#">NP_000623.2</a>, <a href="#">NP_001139280.1</a></b>
<b>Expiration Date</b>	12 months from date of receipt.



Anti-CD11b Antibody (N-term) at 1:2000 dilution + human spleen lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 127 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-CD11b Antibody (N-term) at 1:500 dilution + human spleen lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 127 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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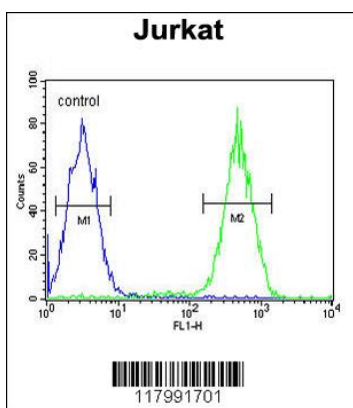
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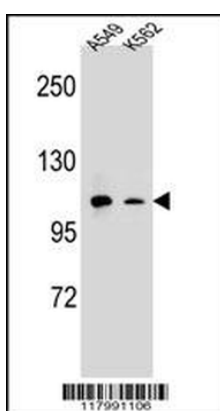
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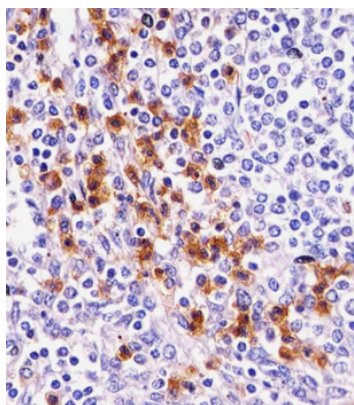
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CD11b Antibody (N-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



CD11b Antibody (N-term) western blot analysis in A549, K562 cell line lysates (35 ug/lane). This demonstrates the CD11b antibody detected the CD11b protein (arrow).



Staining D11b in human spleen tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary Antibody.

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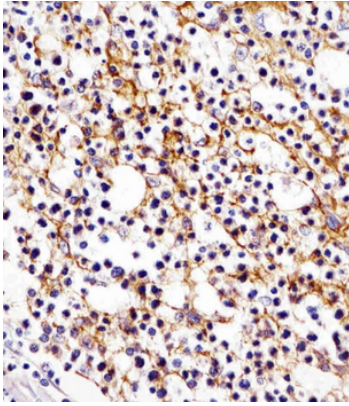
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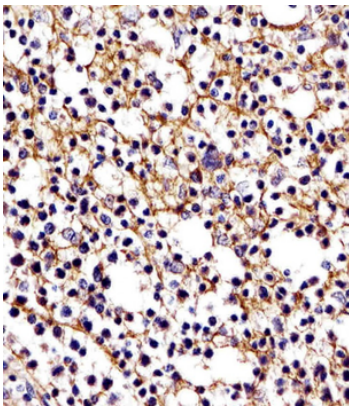
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Staining D11b in human tonsil tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary Antibody.



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