

## Product Datasheet

### Anti-CD32b Antibody (orb338978)

<b>Description</b>	Rabbit polyclonal antibody to CD32b also known as CDw32 and FcRII-b whose expression can be detected in the macrophages and basophils but it is highly expressive in the placenta and Langerhans cells. It is found in the dendritic spine. It can perform various functions like negative regulation of acute inflammatory response to antigenic stimulus and signal transduction. It is involved in the variety of effector and regulatory functions such as phagocytosis of immune complexes and modulation of antibody production by B-cells.
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Primate, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IH, WB
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD32b. The exact sequence is proprietary.
<b>Target</b>	FCGR2B
<b>Preservatives</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
<b>Form/Appearance</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
<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>Clonality</b>	Polyclonal
<b>Source</b>	Rabbit
<b>Uniprot ID</b>	<b>P31994</b>

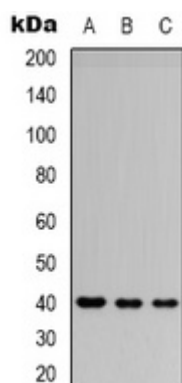
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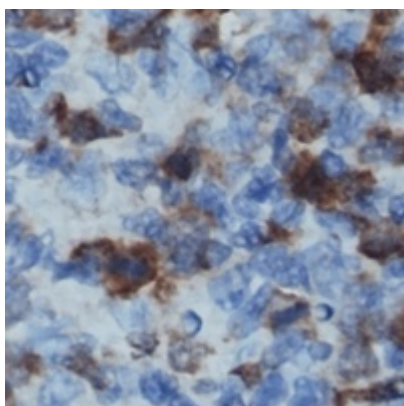
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<b>Entrez</b>	<b>2213</b>
<b>Dilution Range</b>	WB: 1:500-1000, IHC-P: 1:100-200
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of CD32b expression in Jurkat (A), SHSY5Y (B), HEK293T (C) whole cell lysates. (Predicted band size: 34 kD; Observed band size: 40 kD)



Immunohistochemical analysis of CD32b staining in human lymph node formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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