

Product Datasheet

Goat anti-CD32 / FCGR2B Antibody (orb19010)

Catalog Number	orb19010
Category	Antibodies
Description	Goat polyclonal antibody to CD32b
Target	CD32 / FCGR2B
Clonality	Polyclonal
Species/Host	Goat
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Protein Sequence	PDALLEPDDQNRI
RRID	AB_10749756
MW	34.0; 31.9; 31.9; 34.0; 33.4
Tested applications	ELISA, FC, IF, IHC, WB
Dilution range	ELISA: 1:32000, WB: 0.3-1 µg/ml

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Application notes

ELISA: Peptide ELISA: antibody detection limit dilution 1:16000. WB: Approx 34kDa band observed in Human myeloid erythroblast cell line K562 and Human monocytic cell line U937 lysates (calculated MW of 34.0kDa according to NP_003992.3;). In transfected HEK293 transiently expressing CD32 a band of approx. 40kDa (glycoprotein) is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.3-1 µg/ml.

Storage

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.

Note

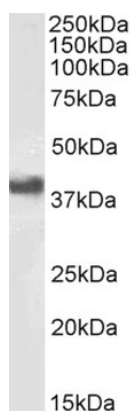
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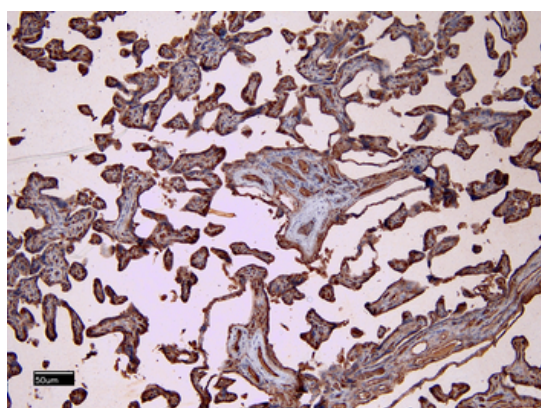
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Expiration Date

12 months from date of receipt.



1 µg/ml staining of Daudi cell lysate (RIPA buffer, 35 µg protein in RIPA buffer). Detected by chemiluminescence.



8 µg/ml staining of paraffin embedded Human Placenta. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

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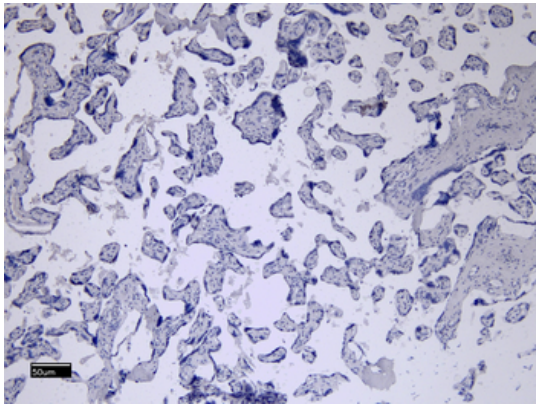
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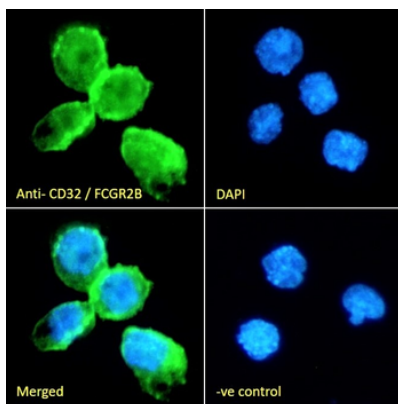
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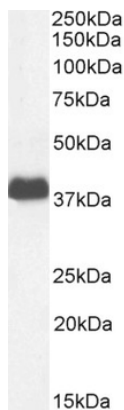
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Negative Control showing staining of paraffin embedded Human Placenta, with no primary antibody.



Immunofluorescence analysis of paraformaldehyde fixed THP-1 cells immobilized on coverslip, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



0.5 µg/ml staining of Human Placenta lysate (RIPA buffer, 35 µg protein in RIPA buffer). Detected by chemiluminescence.

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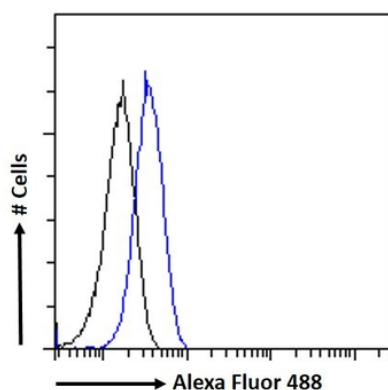
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Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 $\mu\text{g/ml}$) followed by Alexa Fluor 488 secondary antibody (1 $\mu\text{g/ml}$). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

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