

Product Datasheet

Goat anti-CD68 Antibody (orb318736)

Description	Goat polyclonal antibody to CD68
Species/Host	Goat
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, FC, IHC, WB
Target	CD68
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.
Storage	Aliquot and store at -20°C. Minimize freezing and thawing.
Note	For research use only
Application notes	WB: Approx 110kDa band observed in lysates of cell line U937 (calculated MW of 37.4kDa according to NP_001242.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml.
Protein Sequence	PNKTKVQGSCEGAH
Clonality	Polyclonal
MW	37.4; 34.7
Entrez	968
Dilution Range	ELISA: 1:128000, WB: 1-3 µg/ml
Expiration Date	12 months from date of receipt.

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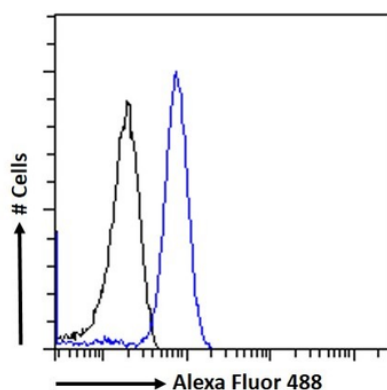
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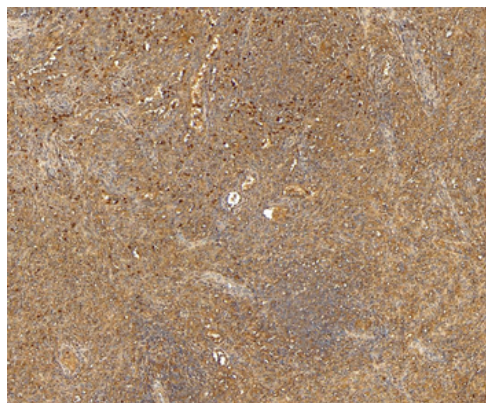
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2 µg/ml staining of U937 cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Flow cytometric analysis of paraformaldehyde fixed U937 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (1 µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



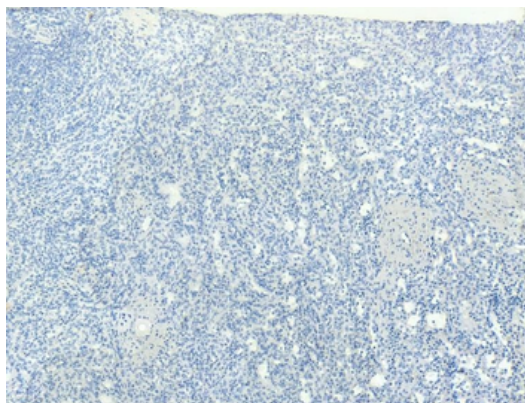
5 µg/ml staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

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

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