

Anti-Integrin alpha-M (CD11b, MAC-1, OX-42 Antigen) Antibody

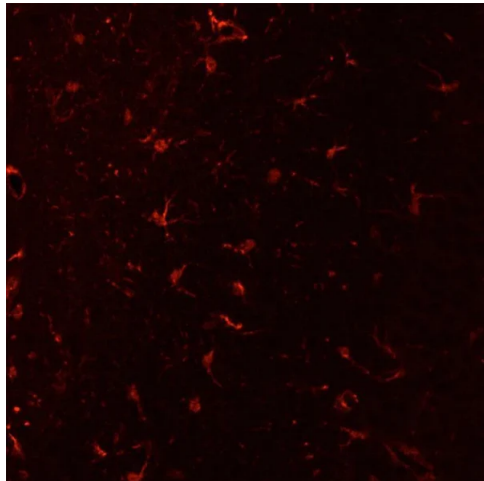


Product Details

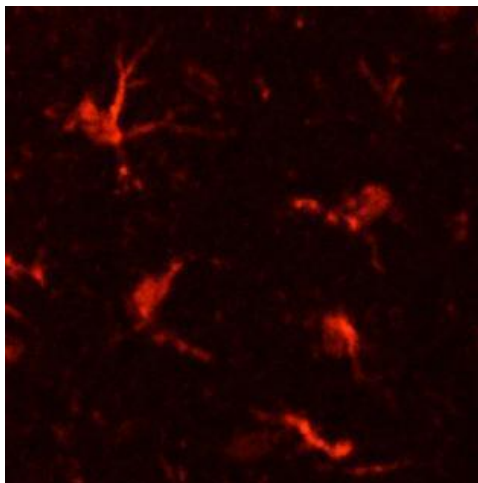
Available Variants	1000 µL (SKU:MAC)
Isotype	IgY
Gene Name	ITGAM CD11B CR3A
Host Species	Chicken
Concentration	100 µg/mL
Format	Affinity-Purified IgY
Physical State	Liquid
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production Notes	Hens were immunized with a Keyhole Limpet Hemocyanin (KLH)-conjugate of a synthetic peptide corresponding to a region near the center of the extracellular domain of this single-membrane pass gene product). After repeated injections, immune eggs were collected, and the IgY fractions were purified from the yolks. These IgY fractions were then affinity-purified using a peptide column to which the same peptide was attached. Finally, the antibody concentration was adjusted to 100 µg/mL and filter-sterilized.
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:2000-1:5000 IHC: 1:2000-1:5000 ICC: 1:2000-1:5000
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide
Molecular Weight	170 kDa

Quality Control	Antibodies were analyzed by immunohistochemistry (at a concentration of 3 µg/mL) using fluorescein-labeled goat anti-chicken IgY (1:500 dilution, Aves Labs Cat.# F-1005) or HRP-labeled goat anti-chicken IgY (1:2000 dilution, Aves Labs, Cat.# H-1004) as the secondary reagent.
Storage	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.
Antibody Registry ID	AB_2313548
UniProt ID	P11215
Country of Origin	United States
Shipping	Ice packs
Expiration	12 months from receipt of product
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

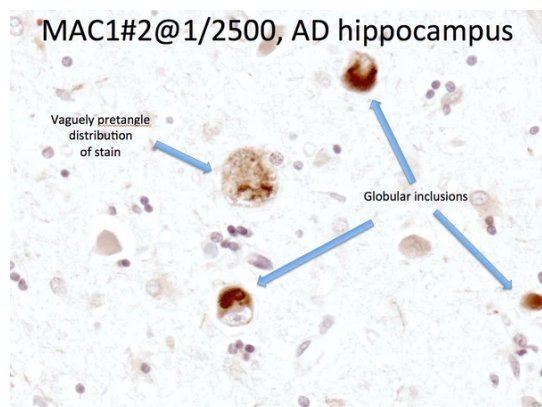
Product Images



Low-power view of MAC1 immunoreactivity in microglial cells in a paraformaldehyde (4%)-fixed paraffin-embedded section through cerebral cortex of an adult mouse brain. 1° antibody was Aves Labs' anti-MAC1 antibody (1:2000 dilution); 2° antibody was a Texas Red goat anti-chicken IgY (Jackson ImmunoResearch; 1:1000 dilution).



Higher-power view of MAC1 immunoreactivity in microglial cells in a paraformaldehyde (4%)-fixed paraffin-embedded section through cerebral cortex of an adult mouse brain. 1° antibody was Aves Labs' anti-MAC1 antibody (1:2000 dilution); 2° antibody was a Texas Red goat anti-chicken IgY (Jackson ImmunoResearch; 1:1000 dilution).



Frame showing MAC-1 immunoreactivity in human microglial cells in an Alzheimer's Disease patient. Photomicrograph taken by Dr. Randy Woltjer, Pathology, OHSU.

Product Page URL: www.antibodiesinc.com/products/anti-integrin-alpha-m-cd11b-mac-1-ox-42-antigen-antibody-mac



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