



*...Specializing in custom-made chicken antibodies against "difficult" antigens.*

## **PRODUCT SPECIFICATIONS**

Product Description:	<b>Integrin Alpha-M (MAC-1, OX-42 Antigen) Chicken polyclonal anti-peptide antibody</b>
Catalog Number:	MAC
Lot Number:	MAC0511
Antibody Concentrations:	Affinity-purified anti-peptide antibodies are at a concentration of 100 ug/ml (based on A280 measurements).
Volume:	Regular vials contain 1000 ul of this antibody; Sampler vials contain 200 ul of this antibody.
Buffer:	Phosphate-buffered (10 mM) isotonic saline (0.9%, w.v) saline (PBS, pH 7.2) with 50% (v/v) glycerol and sodium azide (0.02%, w/v). The glycerol allows storage at -20C without freezing; Sodium azide is added as a preservative.
Production:	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 ug/ml and filter-sterilized.
Quality Control:	Antibodies were analyzed by immunohistochemistry (at a concentration of 3 ug/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 Conditions:	<b>Store at 4°C in the dark.</b> Under these conditions, the antibodies should have a shelf life of at least 12 months (provided they remain sterile). Do not freeze these antibodies unless you want to store them for longer periods of time. Note, however, that each time an antibody preparation is frozen, about half its binding activity is lost.

**NOTE: These antibodies are meant to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.**

12571 SW Main Street Tigard, Oregon 97223 USA  
*phone* (503) 598-8766 *fax* (503) 598-8746 *web* [www.aveslab.com](http://www.aveslab.com)