



**BMA BIOMEDICALS**

BMA BIOMEDICALS  
Rheinstrasse 28-32  
CH-4302 Augst (Switzerland)  
Phone: ++41 61 811 6222  
Fax: ++41 61 811 6006  
info@bma.ch  
www.bma.ch

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## **Monoclonal Antibody To Rat CD103**

### **Marker for a Subset of Rat Dendritic Cells**

Monoclonal antibody OX-62 recognizes an antigen on dendritic cells, dendritic epidermal T cells, and intestinal intraepithelial lymphocytes of normal rats and on CD3+ lymphocytes in the spleen and cervical lymph nodes of athymic nude rats. OX-62 precipitates a molecule with integrin-like properties, with homology to mouse and human CD103 (Integrin  $\alpha$ EL or  $\alpha$ E chain).

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<b>Product Number:</b>	T-3024 (Lot 01PO1004)
<b>Clone:</b>	OX-62
<b>Host species, isotype:</b>	Mouse IgG1
<b>Quantity:</b>	200 $\mu$ g
<b>Format:</b>	Affinity purified, lyophilized. Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.09% sodium azide as a preservative.
<b>Stability:</b>	Original vial: 1 year at 4° - 8°C Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
<b>Applications:</b>	Tested for immunohistochemistry (IHC); has been reported to work in FACS, immunoprecipitation and Western blot. <b>Approximate working dilution for IHC:</b> Frozen sections: 0.3 $\mu$ g/ml (1:1300) Paraffin sections: does not react on routinely processed paraffin sections. Optimal dilutions should be determined by the end user. Suggested positive control: rat spleen Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Rat veiled (dendritic) cells from lymph.
<b>Antigen, epitope:</b>	The epitope has not been further characterized.
<b>Antigen distribution:</b>	The antigen is found on dendritic cells in various tissues.
<b>Specificity:</b>	<b>Rat:</b> lymphoid and non lymphoid dendritic cells <b>Other species:</b> not tested

For *in vitro* research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.

T-3024

OX-62

27.5.2010