



## Peninsula Laboratories, LLC

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### Monoclonal Antibody To Human ACT Alpha-1 Antichymotrypsin

Monoclonal antibody ACT14C7 recognizes  $\alpha$ -1 antichymotrypsin in paraffin embedded and frozen human cells and tissues. Monocytes and macrophages are recognized in tonsils.

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<b>Product Number:</b>	T-1325
<b>Clone:</b>	ACT14C7
<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), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% Kathon 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).  <b>Approximate working dilution for IHC:</b> Frozen sections: 1 $\mu$ g/ml 1:400) Paraffin sections: 1 $\mu$ g/ml (1:400); microwave pretreatment for antigen retrieval is recommended.  Optimal dilutions should be determined by the end user.  Suggested positive control: Human tonsil.

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