



## Peninsula Laboratories, LLC

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### Monoclonal Antibody To Human CD32 Fc gamma Receptor type II

Monoclonal antibody 2E1 recognizes the three isoforms of the Fc $\gamma$ RII designated as A, B and C. Monocytes carry all forms of Fc $\gamma$ RII, neutrophils carry Fc $\gamma$ RIIA and Fc $\gamma$ RIIC. Fc $\gamma$ RIIB is expressed by B lymphocytes and mast cells.

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<b>Product Number:</b>	T-1056
<b>Clone:</b>	2E1
<b>Host species, isotype:</b>	Mouse IgG2a
<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 0.01% thimerosal 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 described to work in FACS, immunoprecipitation and ELISA.  <b>Approximate working dilution for IHC:</b> Frozen sections: 2 $\mu$ g/ml (1:200) Paraffin sections: does not react on routinely processed paraffin sections.  Optimal dilutions should be determined by the end user.  Suggested positive control: Human tonsil.
<b>Immunogen:</b>	K562 cells.
<b>Antigen, epitope:</b>	The antigen is CD32, epitope not further characterized.

#### Selected references

Farace F.: Cancer Research **48**, 5759-65 (1988)

Couvelard A. et al.: Am. J. Pathol. **143**, 738-52 (1993).

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