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## **Monoclonal Antibody To Rat Crry Anti 5I2 Antigen (p65)**

Monoclonal antibody 5I2 recognizes Crry, a cofactor for complement factor I. Crry seems to act as a costimulatory factor for T-cells and is expressed on different tissues, particularly also on thymocytes and non-lymphoid cells in the thymus. Crry may play an important role in the early embryonic development by maintaining fetomaternal tolerance.

Two forms of Crry exist, containing six or seven extracellular short consensus repeats (SCRs), respectively, plus a transmembrane and a cytoplasmic domain. The molecular weights of the native glycoproteins are approximately 55 and 65kDa, respectively.

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<b>Product Number:</b>	T-3023 (Lot 01PO1004)
<b>Clone:</b>	5I2
<b>Host species, isotype:</b>	Mouse IgG1
<b>Quantity:</b>	200µg
<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. <b>Approximate working dilution for IHC:</b> Frozen sections: 0.1µg/ml (1:4000) 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>	Erythrocytes from a C3 mutated rat.
<b>Antigen, epitope:</b>	The epitope has not been further characterized.
<b>Antigen distribution:</b>	The antigen is found on numerous cells in blood and various tissues.
<b>Specificity:</b>	<b>Rat:</b> Crry <b>Other species:</b> not tested

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