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Biotinylated Monoclonal Antibody To Human CD25

Marker for the IL-2 Receptor alpha chain

Monoclonal antibody 143-13 recognizes the CD25 antigen. CD25, the IL-2 receptor alpha chain, associates with CD122 and the common gamma chain CD132 to form the IL-2 receptor complex. It is expressed on activated T and B cells and on monocytes.

Product number: T-1380
Clone: 143-13, biotinylated
Lot: 01PB1315
TECHNICAL AND ANALYTICAL CHARACTERISTICS:

Host species, isotype:	Mouse IgG1, kappa light chain
Quantity:	200µg
Format:	Affinity purified, biotinylated, 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), and 0.05% (v/v) Kathon CG as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C. Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Applications:	Tested for immunohistochemistry (IHC); has been described to work in FACS. **Approximate working dilution for IHC:** Frozen sections: 10µg/ml (1:40) Paraffin sections: not tested Optimal dilutions should be determined by the end user. Suggested positive control: Human tonsil Please see **www.bma.ch** for protocols and general information.
Immunogen:	Stimulated human leukocytes.
Antigen, epitope:	The antigen is CD25, a 55kD glycoprotein. The antibody recognizes epitope region C of the IL-2 receptor complex.

Antigen distribution:	**Isolated cells:** The antibody stains less than 5% of resting human peripheral blood mononuclear cells in flow cytometry.
	Tissue sections: Scattered large and small lymphocytes in germinal centers, in follicle mantle, and T-zone.
Specificity:	**Human:** CD25
	Other: not tested.

Selected references

Barclay, Brown et al.,The Leukocyte Antigen FactsBook, 2nd edition, Harcourt Brace & Company, London, (1997)

Knapp, W. et al. (eds), Leukocyte typing IV., Oxford University Press, Oxford (1989)

For *in vitro* research only. This product contains Kathon CG as a preservative.