

Product datasheet for **TA363832**

CD22 Mouse Monoclonal Antibody [Clone ID: IS7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	IS7
Applications:	IHC
Recommended Dilution:	Tested for immunohistochemistry (IHC); has been described to work in FACS. Approximate working dilution for IHC: Frozen sections: 0.2-0.4µg/ml (1:500 - 1:1000) Paraffin sections: does not react on routinely processed paraffin sections. Optimal dilutions should be determined by the end user. Suggested positive control: Human tonsil
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	Human: CD22 Other: does not react with porcine tissues.

Epitope: The antigen is CD22. The epitope has not been further characterized.

Distribution: Isolated cells: 5-50% of human peripheral blood mononuclear cells. Tissue sections: The antigen is found on precursor and mature B-cells.

Formulation:	Affinity purified, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.2mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA), and 0.09% sodium azide as a preservative.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: 1 year at 4° - 8°C. Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Gene Name:	CD22 molecule
Database Link:	Entrez Gene 933 Human P20273



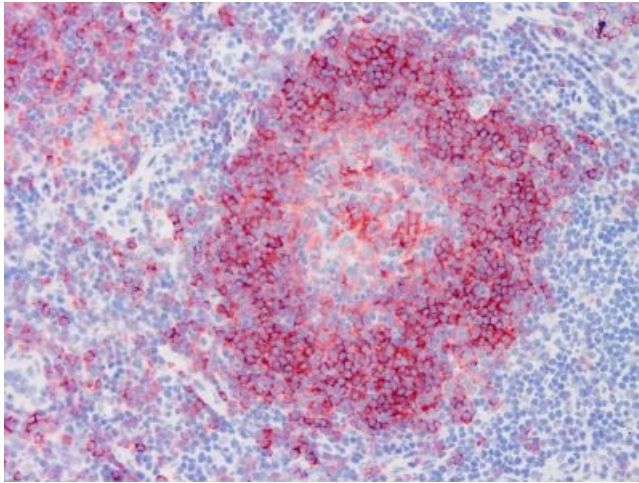
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Background:

Monoclonal antibody IS7 recognizes the CD22 antigen also known as Leu-14, which is expressed on precursor and mature B-cells. CD22 is a type 1 integral membrane glycoprotein with a molecular weight of 130 to 140kD. It is expressed in both the cytoplasm and the cell membrane of B lymphocytes. The CD22 antigen appears early in B lymphocyte differentiation at approximately the same stage as the CD19 antigen. CD22 has been detected on approximately 5-50% of human peripheral blood mononuclear cells.

Synonyms:

BL-CAM; FLJ22814; Leu-14; MGC130020; Siglec-2; SIGLEC2

Product images:

TA363832, Clone IS7, human tonsil, frozen section