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CD23 Monoclonal Antibody (MHM6)

Catalog Number **MA1-25927**

Product data sheet

Details	
Size	6 mL
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	MHM6
Immunogen	EBV-transformed B lymphoblastoid cells.
Conjugate	Unconjugated
Form	Liquid
Storage Conditions	4° C, do not freeze

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

MA1-25927 detects CD23 from human samples. MA1-25927 has been successfully used in immunohistochemistry (frozen) procedures. The MA1-25927 immunogen is EBV-transformed B lymphoblastoid cells.

Background/Target Information

CD23 is a 45 kDa glycoprotein which is present on a subpopulation of freshly isolated peripheral blood and tonsil B cells and strongly expressed on EBV-transformed B lymphoblasts. The CD23 molecule is identical to the low affinity IgE receptor found on B cells. Expression of CD23 has been detected in neoplastic cells from cases of B cell chronic lymphocytic leukaemia and some cases of centroblastic/centrocytic lymphoma. CD23 is present on a subpopulation of freshly isolated peripheral blood and tonsil B cells and strongly expressed on EBV-transformed B lymphoblasts. Functionally, CD23 is involved in B cell growth and differentiation, and IgE production. Further, CD23 has a soluble form that is a potent mitogenic factor. Diseases associated with CD23 dysfunction include chronic conjunctivitis and chronic lymphocytic leukemia.

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