

Monoclonal Mouse Antibody to CD15

Catalog No.:	Mob 365, Mob 365-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	BALB/C mice were injected with U937 histiocytic cell line.
Clone:	MMA; same as LeuM1
Isotype:	IgM, kappa
Format:	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 1 mM EDTA buffer, pH 8.0 prior to immunostaining.</u>
Specificity:	This antibody reacts with a 220 kD protein. CD15 plays a role in mediating phagocytosis, bactericidal activity, and chemotaxis. It is present on >95% of granulocytes including neutrophils, eosinophils, and to a lesser degree on monocytes. CD15 is also expressed in Reed-Sternberg cells and in some epithelial cells. CD15 is very useful in the identification of Hodgkin disease.
Positive Control:	Tonsil
Cellular Localization:	Cell membrane
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Hanjan et al. Clin Immuno Immunopathol 23: 172, 1982. ii) Hsu et al. Amer J Clin Pathol 82: 29, 1984. iii) Pinkus et al. Am J Pathol 119: 244, 1985.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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