

Product datasheet for **DM118**

CD79A Mouse Monoclonal Antibody [Clone ID: HM57]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HM57
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Frozen and Paraffin Sections: diluted of 1/15-1/30 in an ABC method (30-60 minutes at room temperature or overnight at 4°C) Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining. Positive Control: Tonsil.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide comprising of 202-216 C terminal amino acids part of mb-1 protein.
Specificity:	This antibody reacts specifically with B cells at the pre B cell stage. It stains the majority of acute leukemias of precursor B cell type, B cell lymphomas, and some myelomas. The mb-1 polypeptide and B29 polypeptide forms an antigen receptor complex on the B cell, performing signal transduction and phosphorylation functions. Cellular Localization: Cell membrane.
Formulation:	State: Supernatant State: Liquid Ig fraction Stabilizer: 1% BSA Preservative: 0.05% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD79a molecule
Database Link:	Entrez Gene 973 Human P11912



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Background: It stains majority of acute leukemias of precursor B cell type, B cell lymphomas and some myelomas. The mb-1 polypeptide along with B29 polypeptide forms an antigen receptor complex on the B cell performing signal transduction and phosphorylation functions.

Synonyms: IGA, MB1, B-Cell marker