Anti-CD79a Antibody (Clone HM57)

CATALOG NO: A1568-100

ALTERNATIVE NAMES: B lymphocyte-specific MB1 protein, B-cell antigen receptor complex-associated protein alpha chain, CD79a molecule immunoglobulin associated alpha, Ig-alpha, IGA, IgM-alpha, Immunoglobulin-associated alpha, Ly54, MB-1 membrane glycoprotein, Membrane-bound immunoglobulin-associated protein, Surface IgM-associated protein

AMOUNT: 100 µg

IMMUNOGEN: A synthetic peptide corresponding to aa 202-216 (GTYQDVGSLNIADVQ) of human CD79a protein.

HOST/ISOTYPE: Mouse / IgG1, kappa

CLONALITY: Monoclonal

CLONE: HM57

MOL WEIGHT: 44 kDa

SPECIES REACTIVITY: Human, Monkey, Pig, Cow, Mouse and Rat

PURIFICATION: Protein A/G purification

FORM: Liquid

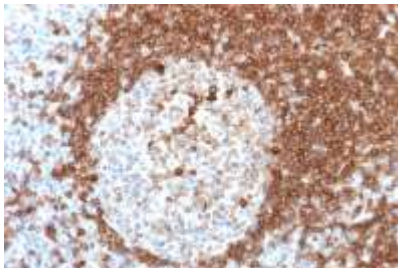
FORMULATION: Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide

STORAGE CONDITIONS: Shipped at 4°C. Long term storage at -20°C.

DESCRIPTION: A disulphide-linked heterodimer, consisting of mb-1 (or CD79a) and B29 (or CD79b) polypeptides, is non-covalently associated with membrane-bound immunoglobulins on B cells. This complex of mb-1 and B29 polypeptides and immunoglobulin constitute the B cell Ag receptor. CD79a first appears at pre B cell stage, early in maturation, and persists until the plasma cell stage where it is found as an intracellular component. CD79a is found in the majority of acute leukemias of precursor B cell type, in B cell lines, B cell lymphomas, and in some myelomas. It is not present in myeloid or T cell lines. Anti-CD79a is generally used to complement anti-CD20 especially for mature B-cell lymphomas after treatment with Rituximab (anti-CD20). This antibody will stain many of the same lymphomas as anti-CD20, but also is more likely to stain B-lymphoblastic lymphoma/leukemia than is anti-CD20. Anti-CD79a also stains more cases of plasma cell myeloma and occasionally some types of endothelial cells as well.

APPLICATION:
FC: 0.5-1 µg/1X10^6 cells
IF: 0.5-1 µg/ml
IHC: 0.25-0.5 µg/ml for 30 minutes at RT
(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Formalin-fixed, paraffin-embedded human Tonsil stained with CD79a Antibody (HM57).

RELATED PRODUCTS:

- Anti-PEG10 Antibody (1E2-F12-C12) **(Cat. No. A1321)**
- Anti-CD20 / MS4A1 Antibody (SPM618) **(Cat. No. A1480)**
- CD79B, human recombinant **(Cat. No. 7318)**
- CD73/NT5E Antibody (CT) **(Cat. No. 6802)**
- Anti-CD11c Antibody **(ITGAX/1243)**
- Anti-CD47 Antibody **(Cat. No. A1387)**

FOR RESEARCH USE ONLY! Not to be used on humans.