

# CD79 Antibody

## Catalog No: tcna1700



### Available Sizes

**Size:** 20ug

**Size:** 100ug



### Specifications

**Application:**

WB, FACS, IF

**Species Reactivity:**

Human. Other species not tested.

**Host Species:**

Mouse

**Immunogen / Amino acids:**

Amino acids GTYQDVGSLNIADVQ were used as the immunogen for the CD79 antibody. This sequence is from the cytoplasmic portion of the protein.

**Conjugation:**

Unconjugated

**Clonality:**

Monoclonal

**Clones:**

CDLA79a-2

**Isotype:**

Mouse IgG3

**Form:**

Liquid

**Storage Buffer:**

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

**Concentration:**

0.2 mg/ml

**Recommended Dilution:**

Flow Cytometry (intracellular): 0.5-1ug/million cells in 0.1ml

IF: 0.5-1ug/ml for 30 min at RT (1)

Western blot: 1-2ug/ml Optimal dilution of the CD79 antibody should be determined by the researcher.

**Storage Instruction:**

Store the CD79 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

**SwissProt:**

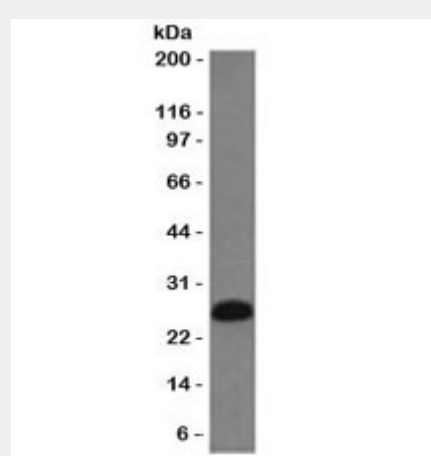
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**References**

Protein G affinity chromatography

**Product Description**

A disulphide-linked heterodimer consisting of mb-1 (or CD79a) and B29 (or CD79b) polypeptides, CD79 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.



Western blot testing of Ramos cell lysate with CD79 antibody (clone CDLA79a-2).

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!