

## Product datasheet for **AM01322PU-N**

### CD79A (202-216) Mouse Monoclonal Antibody [Clone ID: HM57]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	HM57
Applications:	FC, IHC, WB
Recommended Dilution:	<b>Western blot.</b> <b>Immunohistochemistry on Frozen Sections.</b> <b>Immunohistochemistry on Paraffin Sections:</b> 1/100-1/500. This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose. <b>Recommended Positive Control:</b> Human tonsil. <b>Flow Cytometry:</b> Use 10 µl of 1/10-1/50 diluted CD79a antibody to label 1x10 <sup>6</sup> cells in 100 µl (Membrane permeabilisation is required).
Reactivity:	Bovine, Canine, Chicken, Equine, Guinea Pig, Human, Monkey, Mouse, Porcine, Rabbit, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide corresponding to 202-216 amino acid sequence of Human mb-1.
Specificity:	This antibody recognizes an epitope within the cytoplasmic domain of CD79a. CD79a, also known as mb-1, is a 45kD protein that is expressed by B lymphocytes during differentiation from early pre-B cell stage through to plasma cells.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
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.



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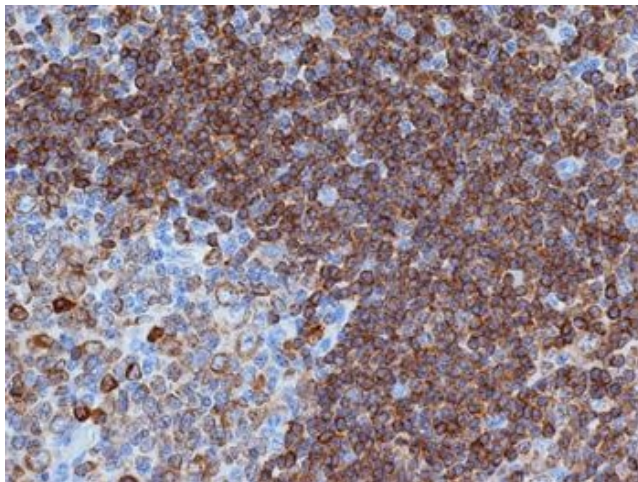
**Gene Name:** CD79a molecule

**Database Link:** [Entrez Gene 973 Human P11912](#)

**Background:** The CD79a molecule associates with CD79b (B29) to form a heterodimer that is non-covalently linked to surface immunoglobulin, forming the B-cell receptor (BCR) complex. The CD79a/CD79b heterodimers are also necessary for intracellular signalling following antigen-binding to surface immunoglobulin.

**Synonyms:** IGA, MB1, B-Cell marker

**Product images:**



Staining of paraffin embedded human tonsil with mouse anti human CD79a antibody.