

Mouse anti-Human CD79a, clone HM57 (Monoclonal)

Clone no. HM57

MONOSAN

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Product name	Mouse anti-Human CD79a, clone HM57 (Monoclonal)
Host	Mouse
Applications	IHC-fr, FC, IHC-P, WB
Species reactivity	human, mouse, rabbit, rat, pig, bovine, guinea pig, monkey
Conjugate	-
Immunogen	Synthetic peptide corresponding to 202-216 amino acid sequence of human mb-1
Isotype	IgG1
Clonality	Monoclonal
Clone number	HM57
Size	0.2 mg
Concentration	IgG 1 mg/ml
Format	Purified
Storage buffer	PBS with <0.1% sodium azide
Storage until expiry date	aliquots -20°C. Thawed 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Mouse anti Human CD79a antibody, clone HM57 recognizes an epitope within the cytoplasmic domain of CD79a. CD79a, also known as mb-1, is a 45 kDa protein that is expressed by B lymphocytes during differentiation from early pre-B cell stage through to plasma cells. 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 signaling following antigen-binding to surface immunoglobulin.

**References**

1. Mason DY et al. J Immunol 1991; 147: 2474-82
2. Spaas JH Vet J 2013; 195: 107-13
3. De Schauwer C et al. Stem Cell Res Ther 2014; 5: 6
4. Hillmann A et al. Cell transplant 2016; 25: 109-24
5. Uitterdijk A et al. PLoS One 2017; 12: e0178779

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