

Anti-mouse CD79b Antibody for Flow Cytometry | PA007496.h1Fs

Catalog No.: PA007496.h1Fs | Isotype: Human IgG1 Fc Silent Kappa | Flow Cytometry Grade

Recombinant Mouse IgG1 isotype controls and Recombinant Human IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

Product Specifications

Catalog No.	PA007496.h1Fs
Product Name	Recombinant Anti-mouse CD79b Monoclonal Antibody (Clone: HM79-16 or HM79b), Human IgG1 Fc Silent Kappa
Clone & Isotype	HM79-16 or HM79b Human IgG1 Fc Silent Kappa
Synonyms	CD79b, B29, IGB, Ig-beta
Applications	Flow cytometry (FC), and Immunohistochemistry - Frozen (IHC-F).
Reactivity & Specificity	Mouse CD79b protein. The recombinant HM79-16 or HM79b antibody for Flow Cytometry specifically binds to mouse CD79b protein.
Source / Host	The anti-mouse CD79b monoclonal antibody (clone: HM79-16 or HM79b) for Flow Cytometry was produced in mammalian cells.
Formulation & Conjugate	0.2 uM filtered solution, pH 7.4, containing 0.09% sodium azide. Non-conjugated.
Purity	>95% by SDS-PAGE under reducing conditions.
Shipping	The Recombinant Anti-mouse CD79b Monoclonal Antibody (Clone: HM79-16 or HM79b) for Flow Cytometry, Human IgG1 Fc Silent Kappa is shipped with ice pack. Upon receipt, store it immediately at the recommended temperature.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, 2 to 8°C as supplied. Do not freeze it.

Biological Description & Background

Recombinant Human IgG1 Monoclonal Antibody with Fc silent mutation.

CD79b (Ig-beta, B29) forms a disulfide-linked heterodimer with CD79a (Ig-alpha) to associate non-covalently with membrane immunoglobulin (mIg), constituting the B cell receptor (BCR) complex. CD79b is essential for cell surface expression of the BCR and transduces signals involved in B cell development, activation, and differentiation. The HM79-16 (HM79b) monoclonal antibody specifically targets mouse CD79b, engineered with a Human IgG1 Fc silent framework to prevent non-specific Fc receptor binding in flow cytometry and immunohistochemical applications.

Ordering & Technical Support

For custom volume ordering or inquiries, please visit the product webpage or contact our support team:

- **Product Webpage:** <https://www.ushelf.com/anti-mouse-cd79b-monoclonal-antibody-pa007496-h1fs/>
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com