CD79b (B-Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone B29/123]

Catalog No	Format	Size
974-MSM7-P0	Purified Ab with BSA and Azide	200ug/ml
974-MSM7-P1	Purified Ab with BSA and Azide	200ug/ml
974-MSM7-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

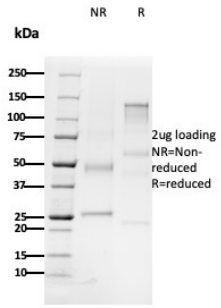
Applications	Tested Dillution
Immunofluorescence (IF)	1-3ug/ml
Immunohistochemistry (IHC)	1-2ug/ml
Western Blot (WB)	2-4ug/ml

Product Details

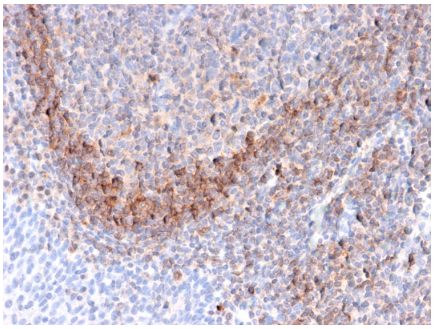
Clone	B29/123
Gene Name	CD79B
Immunogen	Synthetic peptide representing the c-terminus from residue 215 of the murine B29 polypeptide.
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	39kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Daudi or Ramos cells. Germinal center B- cells in a lymph node or tonsil.

**Optimal dilution for a specific application should be determined.*

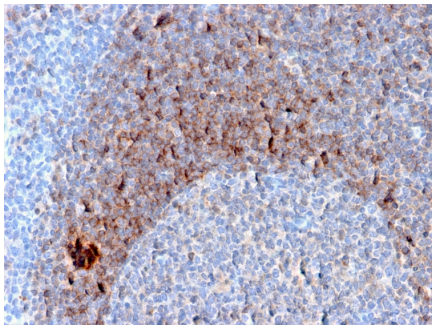
Product Images for CD79b (B-Cell Marker) Antibody



SDS-PAGE Analysis of Purified CD79b Mouse Monoclonal Antibody (B29/123). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human Tonsil stained with CD79b Mouse Monoclonal Antibody (B29/123).



Formalin-fixed, paraffin-embedded human Tonsil stained with CD79b Mouse Monoclonal Antibody (B29/123).

Specificity & Comments

CD79 (also designated Ig chains, designated CD79B or B29. The B cell antigen receptor complex (BCR) is formed by the association of CD79 with a membrane immunoglobulin, such as IgM or IgD. The membrane immunoglobulins IgM and IgD achieve surface expression and antigen presentation function in response to CD79 association. The cytoplasmic tails of both CD79A and CD79B contain an ITAM (immuno-receptor tyrosine-based activation) motif, which acts to initiate the BCR signaling reactions by binding to and activating tyrosine kinases.

Research Areas

Immunology, B Cell Markers, Hematopoietic Stem Cells, Infectious Disease

Known Applications & Suggested Dilutions

Immunofluorescence (1-2ug/ml) | Western Blot (1-2ug/ml) | Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes) | Optimal dilution for a specific application should be determined.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.