CD79b (B-Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone IGB/1844]

Catalog No	Format	Size
974-MSM4-P0	Purified Ab with BSA and Azide	200ug/ml
974-MSM4-P1	Purified Ab with BSA and Azide	200ug/ml
974-MSM4-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

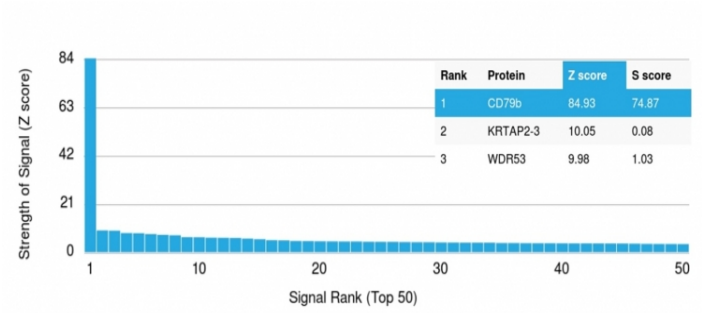
Applications	Tested Dillution

Product Details

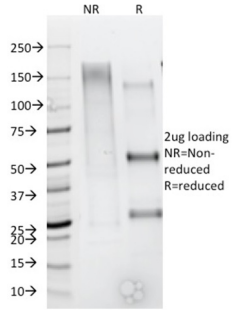
Clone	IGB/1844
Gene Name	CD79B
Immunogen	Recombinant human CD79b protein fragment (around aa 29-159) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	39kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	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



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing CD79b Mouse Monoclonal Antibody (IGB/1844). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



SDS-PAGE Analysis of Purified CD79b Mouse Monoclonal Antibody (IGB/1844). Confirmation of Integrity and Purity of Antibody.

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

Cancer, Immuno Oncology, Immunology, B Cell Markers, Hematopoietic Stem Cells, Infectious Disease

Known Applications & Suggested Dilutions

ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA) | 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.