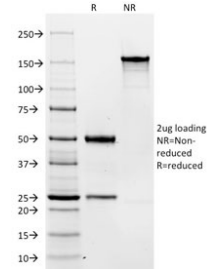
CD19 Antibody (B-lymphocyte marker) [clone C19/366] (V2387)

Catalog No.	Formulation	Size
V2387-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2387-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2387SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	C19/366
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	P15391
Localization	Cell surface, cytoplasmic
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) :
Limitations	This CD19 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free CD19 antibody (clone C19/366) as confirmation of integrity and purity.

Description

CD19 is a transmembrane glycoprotein that contains two extracellular immunoglobulin-like domains. CD19 is present in both benign and malignant B-cells and is considered to be the most reliable surface marker of this lineage over a wide range of maturational stages. In normal lymphoid tissue, CD19 is observed in germinal centers, in mantle zone cells, and in scattered cells of the inter-follicular areas. Anti-CD19 exhibits an overall immunoreactivity pattern similar to those of the antibodies against CD20 and CD22. However, in contrast to CD20, expression of CD19 is continuous throughout B-cell development and through terminal differentiation of B-cells into plasma cells. Anti-CD19 positivity is seen in the vast majority of B-cell neoplasms commonly at a lower intensity than normal B-cell counterparts. Plasma cell neoplasms are nearly always negative, as are T-cell neoplasms.

Researchers studying B cell markers and immune cell signaling may also be interested in our CD19 Antibody / B Cell Marker Antibody page, featuring a Protein Microarray Validated recombinant monoclonal antibody for B lymphocyte detection and immunology research.

Application Notes

Variations in protocols, secondaries and substrates may require the CD19 antibody to be titered up or down for optimal performance.

Immunogen

Human CD19 recombinant protein was used as immunogen for this CD19 antibody.

Storage

CD19 antibody with azide can be stored at 2-8oC. The azide-free format should be aliquoted and stored at -20oC or colder.

Copyright © NSJ Bioreagents. All rights reserved.