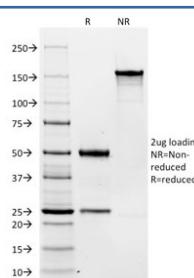


## CD19 Antibody (B-lymphocyte marker) [clone C19/366] (V2387)

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

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

## Application Notes

Variations in protocols, secondaries and substrates may require the CD19 antibody to be titrated 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 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.