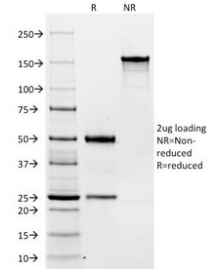
# CD19 Antibody (B-lymphocyte marker) [clone C19/366] (V2387)

| 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.


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