

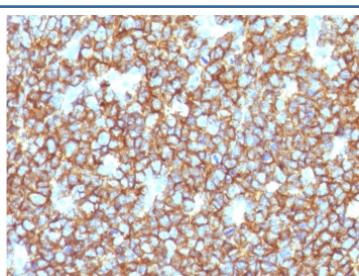
## Recombinant CD20 Antibody / Rabbit Monoclonal [clone RMC20-1] (V7239)

Catalog No.	Formulation	Size
V7239-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7239-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7239SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7239IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

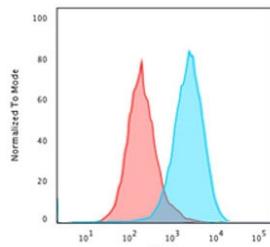
Recombinant **RABBIT MONOCLONAL**

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	RMC20-1
<b>Purity</b>	Protein A affinity chromatography
<b>UniProt</b>	P11836
<b>Localization</b>	Predominantly cell surface with some cytoplasmic
<b>Applications</b>	Flow Cytometry : 1-2ug/10 <sup>6</sup> cells Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
<b>Limitations</b>	This recombinant CD20 antibody is available for research use only.



IHC testing of recombinant CD20 antibody and FFPE human tonsil tissue. HIER: steam section in pH 9 10mM Tris with 1mM EDTA for 20 min.



Flow cytometry testing of human Raji cells with recombinant CD20 antibody (clone RMC20-1); Red=isotype control, Blue= recombinant CD20 antibody.

## Description

CD20 is expressed on all stages of B cell development except the first and last; it is present from late pro-B cells through memory cells, but not on either early pro-B cells or plasma blasts and plasma cells. It has no known natural ligand and its function is to enable optimal B-cell immune response, specifically against T-independent antigens. It is suspected that it acts as a calcium channel in the cell membrane. It has been shown that CD20 plays a role in the microenvironmental interactions of B cells. [Wiki]

## Application Notes

Titering of the recombinant CD20 antibody may be required for optimal performance.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Full length human CD20 protein was used as the immunogen for this recombinant CD20 antibody.

## Storage

Recombinant CD20 antibody with azide can be stored at 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.