

## Anti-CD20 Antibody (4S869)

## Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4S869
Purification:	Affinity-chromatography

## Applications

Verified Activity:	<p>1. IHC image of TMAH-00784 diluted at 1:200 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.</p> <p>2. Immunofluorescence staining of Hela cell with TMAH-00784 at 1:150, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).</p> <p>3. Immunofluorescence staining of MCF7 cell with TMAH-00784 at 1:150, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).</p>
Application:	ELISA,IF,IHC
Recommended	IHC:1:20-1:200; IF:1:20-1:200.

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human MS4A1 Protein
Antigen Species:	Human
Gene ID:	931
Uniprot ID:	P11836
Synonyms:	CD20;Leukocyte surface antigen Leu-16;Bp35;MS4A-1;MS4A1;B-lymphocyte surface antigen B1;Membrane-spanning 4-domains subfamily A member 11
Biology Area:	Cancer, Immunology, Stem cells

## Research Background

B-lymphocyte-specific membrane protein that plays a role in the regulation of cellular calcium influx necessary for

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the development, differentiation, and activation of B-lymphocytes. Functions as a store-operated calcium (SOC) channel component promoting calcium influx after activation by the B-cell receptor/BCR.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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