

Anti-FCER2/CD23 Antibody (70585)

Product Details

Ig Type:	IgG2b
Reactivity:	Human
Molecular Weight:	Theoretical: 36 kDa.
Clone:	70585
Purification:	Protein A purified

Applications

Verified Activity:	1. Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FCER2/CD23 Monoclonal Antibody, Unconjugated (TMAB-05944) at 1: 200 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
	2. Paraformaldehyde-fixed, paraffin embedded Human Lymph; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FCER2/CD23 Monoclonal Antibody, Unconjugated (TMAB-05944) at 1: 200 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
	3. Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FCER2/CD23 Monoclonal Antibody, Unconjugated (TMAB-05944) at 1: 200 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
	4. (Negative control) Paraformaldehyde-fixed, paraffin embedded Human Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FCER2/CD23 Monoclonal Antibody, Unconjugated (TMAB-05944) at 1: 200 overnight at 4°C, followed by conjugation to the AffiniPure Goat Anti-Mouse IgG H&L-HRP and DAB staining.
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. 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 FCER2/CD23 protein
Antigen Species:	Human
Gene ID:	2208
Uniprot ID:	P06734

Research Background

The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble

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secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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