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Anti-CD3 epsilon Rabbit Monoclonal Antibody

Catalog Number: M02675-1

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Overview

Product Name	Anti-CD3 epsilon Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-CD3 epsilon Rabbit Monoclonal Antibody catalog # M02675-1. Tested in IHC, ICC/IF, IP applications. This antibody reacts with Human.
Application	IP, IF, IHC, ICC
Clonality	Monoclonal COB-3
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P07766

Technical Details

Immunogen	A synthesized peptide derived from human CD3 epsilon
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	IHC, 1:50-200

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	ICC/IF, 1:50-200 IP, 1:50

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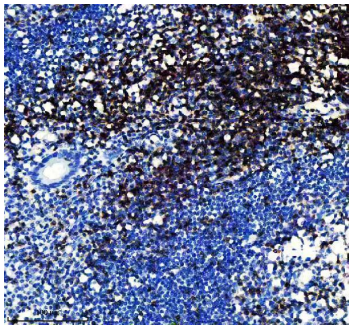
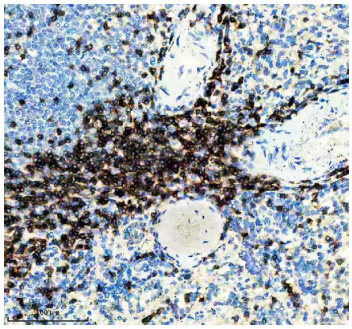
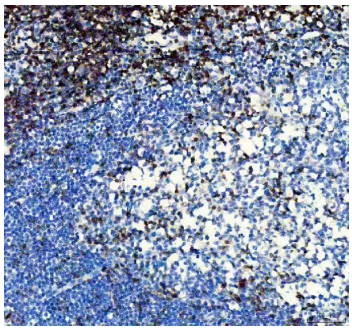
Anti-CD3 epsilon Rabbit Monoclonal Antibody (M02675-1) Images



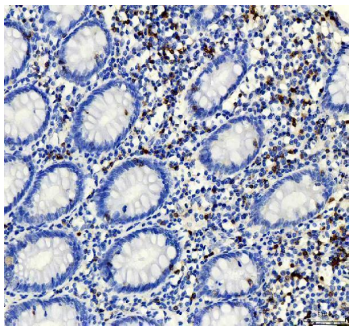
IHC analysis of CD3E using anti-CD3E antibody (M02675-1). CD3E was detected in a paraffin-embedded section of human appendix tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with a dilution of 1:50 rabbit anti-CD3E Antibody (M02675-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of CD3E using anti-CD3E antibody (M02675-1). CD3E was detected in a paraffin-embedded section of human spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with a dilution of 1:50 rabbit anti-CD3E Antibody (M02675-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of CD3E using anti-CD3E antibody (M02675-1). CD3E was detected in a paraffin-embedded section of human intestinal lymph nodes tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-CD3E Antibody (M02675-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of CD3E using anti-CD3E antibody (M02675-1). CD3E was detected in a paraffin-embedded section of human intestine tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-CD3E Antibody (M02675-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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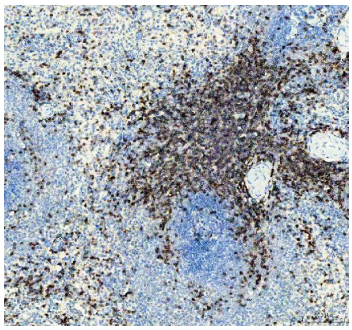

IHC analysis of CD3E using anti-CD3E antibody (M02675-1). CD3E was detected in a paraffin-embedded section of human tonsil tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-CD3E Antibody (M02675-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

2 Publications Citing This Product

1. PubMed ID: 20470401, Li Y, Geng S, Yin Q, Chen S, Yang L, Wu X, Li B, Du X, Schmidt Ca, Przybylski Gk. J Transl Med. 2010 May 14;8:47. Doi: 10.1186/1479-5876-8-47. Decreased Level Of Recent Thymic Emigrants In Cd4+ And Cd8+T Cells From Cml Patients.

2. PubMed ID: 27230507, The pathological features of ectopic lymphoid neogenesis in idiopathic dacryoadenitis

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Anti-CD3 epsilon Rabbit Monoclonal Antibody

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