

Anti-CD3D Rabbit Monoclonal Antibody

Catalog Number: M04405

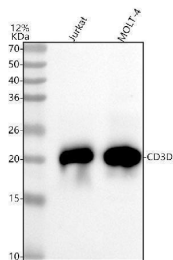
Overview

Product Name	Anti-CD3D Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-CD3D Rabbit Monoclonal Antibody catalog # M04405. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal IDE-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	P04234

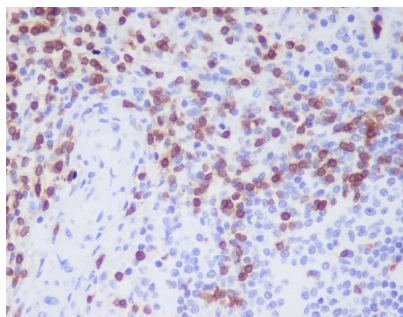
Technical Details

Immunogen	A synthesized peptide derived from human CD3D
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200 IP 1:20 FC 1:20

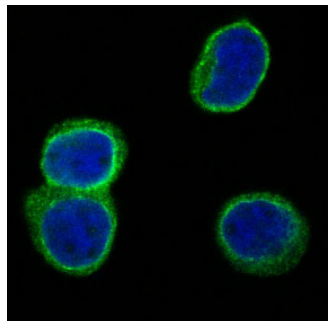
Anti-CD3D Rabbit Monoclonal Antibody (M04405) Images



Western blot analysis of CD3D using anti-CD3D antibody (M04405). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Jurkat whole cell lysates, Lane 2: human MOLT-4 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CD3D antigen affinity purified monoclonal antibody (Catalog # M04405) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for CD3D at approximately 21 kDa. The expected band size for CD3D is at 19 kDa.



Immunohistochemical analysis of paraffin-embedded human spleen, using CD3D Antibody.



Immunofluorescent analysis of Jurkat cells, using CD3D Antibody.

1 Publications Citing This Product

1. PubMed ID: 26623936, CD40 Generation 2.5 Antisense Oligonucleotide Treatment Attenuates Doxorubicin-induced Nephropathy and Kidney Inflammation

Visit bosterbio.com/anti-cd3d-rabbit-monoclonal-antibody-m04405-boster.html to see all 1 publications.

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