Product datasheet

Anti-ICAM3 antibody [EPR3994] ab109405

Overview

Product name: Anti-ICAM3 antibody [EPR3994]
Description: Rabbit monoclonal [EPR3994] to ICAM3
Host species: Rabbit
Tested applications: Suitable for: ICC, WB, IP, IHC-P, Flow Cyt
Species reactivity: Reacts with: Human
Immunogen: Synthetic peptide within Human ICAM3 (extracellular). The exact sequence is proprietary.
Positive control: U937, Jurkat, HuT-78, Ramos, and THP-1 cell lysates; Human spleen, colon and tonsil tissue.
General notes: Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents

This product is a recombinant rabbit monoclonal antibody.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer: pH: 7.40
Preservative: 0.05% Sodium azide
Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant
Purity: Tissue culture supernatant
Clonality: Monoclonal
Clone number: EPR3994
Isotype: IgG

Applications
**Function**

ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM3 is also a ligand for integrin alpha-D/beta-2.

**Sequence similarities**

Belongs to the immunoglobulin superfamily. ICAM family. Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

**Post-translational modifications**

Upon stimulation by a physiologic stimuli becomes rapidly and transiently phosphorylated on serine residues. N-glycosylated; glycans consist of a mixture of tri- and tetra-antennary complex-type chains and high-mannose chains.

**Cellular localization**

Membrane.

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**Images**

**All lanes**: Anti-ICAM3 antibody [EPR3994] (ab109405) at 1/1000 dilution

**Lane 1**: U937 cell lysate  
**Lane 2**: Jurkat cell lysate  
**Lane 3**: HuT-78 cell lysate  
**Lane 4**: Ramos cell lysate  
**Lane 5**: THP-1 cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size**: 60 kDa
Immunohistochemical analysis of ICAM3 in paraffin-embedded Human spleen tissue using ab109405 at 1/500 dilution.

Immunohistochemical analysis of ICAM3 in paraffin-embedded Human colon tissue using ab109405 at 1/500 dilution.

Immunohistochemical analysis of ICAM3 in paraffin-embedded Human tonsil tissue using ab109405 at 1/500 dilution.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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