

Anti-ICAM3 [ICAM 3.1]

Catalogue number: 151110

Sub-type: Primary antibody

Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/31155fb5-46fa-45e8-8f02-bc6501e1771f.jpg

Contributor

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-ICAM3 [ICAM 3.1]

Alternate name: Intercellular Adhesion Molecule 3; ICAM-3; ICAM-R; CDW5; CD5

Class: Monoclonal

Conjugate: Unconjugated

Description: ICAMs are members of the immunoglobulin superfamily that is characterised by the presence of immunoglobulin-like domains. ICAM-3 is the major ligand for LFA-1 (CD11a/CD18) in the resting state. ICAM-3 may play a key role in initiating immune responses. ICAM 3.1 and ICAM 3.2 can be used to examine LFA-1/ICAM-3 adhesion.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: ICAM-3Fc chimeric fusion protein.

Immunogen UNIPROT ID: P26006

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: ICAM3 (CD50)

Target alternate names:

Target background: ICAMs are members of the immunoglobulin superfamily that is characterised by the presence of immunoglobulin-like domains. ICAM-3 is the major ligand for LFA-1 (CD11a/CD18) in the resting state. ICAM-3 may play a key role in initiating immune responses. ICAM 3.1 and ICAM 3.2 can be used to examine LFA-1/ICAM-3 adhesion.

Molecular weight: 130 kDa

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; IF ; IP ; RIA ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Tremblay et al. 2017. Sci Rep. 7:46574. PMID: 28422167. ; Tremblay et al. 2017. Sci Rep. 7:46574. PMID: 28422167. ; Seltmann et al. 2015. J Invest Dermatol. 135(6):1609-1620. PMID: 25668239. ; Seltmann et al. 2015. J Invest Dermatol. 135(6):1609-20. PMID: 25668239. ; Keratins Stabilize Hemidesmosomes through Regulation of α 4-Integrin Turnover. ; Stawikowski et al. 2014. J Biol Chem. 289(31):21591-604. PMID: 24958723. ; Glycosylation modulates melanoma cell α 2 β 1 and α 3 β 1 integrin interactions with type IV collagen. ; Pytlk et al. 2009. Biomaterials. 30(20):3415-27. PMID: 19362364. ; The cultivation of human multipotent mesenchymal stromal cells in clinical grade medium for bone tissue engineering. ; Turner et al. 2006. Circulation. 114(8):820-9. PMID: 16908762. ; Alpha2(VIII) collagen substrata enhance endothelial cell retention under acute shear stress flow via an α 2 β 1 integrin-dependent mechanism: an in vitro and in vivo study. ; Berdichevsky et al. 1994. J Cell Sci. 107 (Pt 12):3557-68. PMID: 7535787. ; Branching morphogenesis of human mammary epithelial cells in collagen gels.

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