

Anti-CD11 & CD18 [24]

Catalogue number: 151040

Sub-type: Primary antibody

Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/52e973f5-f992-4195-b252-e47bfedb5c9f.jpg

Contributor

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD11 & CD18 [24]

Alternate name: Integrin Subunit Alpha L; Leukocyte Function-Associated Molecule 1 Alpha Chain; CD11 Antigen-Like Family Member A; Antigen CD11A (P18); LFA-1A; CD11A; Antigen CD11A (P18); Lymphocyte Function-Associated Antigen 1; Lymphocyte Function-Associated Antigen 1; Alpha Polypeptide; Integrin Gene Promoter; Alpha Polypeptide; Integrin Alpha L; CD11a Antigen; LFA-1; LFA1A

Class: Monoclonal

Conjugate: Unconjugated

Description: Clone 24 may be used as a reporter of the activation state of the CD11/CD18 integrins and can also be induced following exposure with Mg²⁺ or Mn²⁺.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Fibronectin-purified human monocytes .

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Tonsil

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Activation epitope on integrin beta 2(CD18) subunit

Target alternate names:

Target background: Integrins are heterodimeric cell surface receptors composed of alpha and beta subunits, which mediate cell-cell and cell-extracellular matrix attachments. Integrin beta2 (CD18) associates with integrin alpha L (CD11a) to form the leukocyte function-associated antigen-1 (LFA-1), integrin alpha M (CD11b) to form Complement Receptor 3 (CR3), integrin alpha X (CD11c) to form Complement Receptor 4 (CR4) and with CD11d to form p150,95. Each integrin receptor can bind various Intercellular adhesion molecules (ICAMs) and matrix molecules.

Molecular weight: 95 kDa and 180 kDa

Ic50:

Applications

Application: 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: Chetty et al. 2010. Int J Cancer. 127(5):1081-95. PMID: 20027628. ; Martino et al. 2009. Biomaterials. 30(6):1089-97. PMID: 19027948. ; Zhou et al. 2006. J Exp Med. 203(4):1067-80. PMID: 16606672. ; Marshall et al. 1995. J Cell Sci. 108 (Pt 3):1227-38. PMID: 7542669. ; Horton et al. 1985. Cancer Res. 45(11 Pt 2):5663-9. PMID: 4053038.

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