

Anti-CD14 [UCH-M1] mAb

Catalogue number: 151174

Sub-type: Primary antibody

Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/6a93670e-2553-4c6a-92dc-be0a7d62d145.png

Contributor

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD14 [UCH-M1] mAb

Alternate name: CD14 Molecule; CD14 Antigen; Myeloid Cell-Specific Leucine-Rich Glycoprotein

Class: Monoclonal

Conjugate: Unconjugated

Description: UCH-M1 can be used to investigate specific in vitro antibody responses to influenza virus by human lymphocytes.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Thymocytes and peripheral blood leucocytes (PBL)

Immunogen UNIPROT ID: P08575

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD14

Target alternate names:

Target background: CD14 is found in human monocytes and vascular endothelium in some tissues. CD14 binds the endotoxin lipopolysaccharide.

Molecular weight: 52 kDa

Ic50:

Applications

Application: FACS ; IHC ; IF

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: Anti-CD45RO, Recombinant [UCH-L1]

References

References: Elgueta et al. 2019. Front Immunol. 10:981. PMID: 31118938. ; Moura et al. 2017. Cell

Mol Immunol. 14(9):758-769. PMID: 26996067. ; Wu et al. 2015. Oncotarget. 6(30):28633-45. PMID: 26416419. ; Zlobec et al. 2013. J Transl Med. 11:104. PMID: 23627766. ; Next-generation tissue microarray (ngTMA) increases the quality of biomarker studies: an example using CD3, CD8, and CD45RO in the tumor microenvironment of six different solid tumor types. ; Dornan et al. 2002. J Biol Chem. 277(3):1912-8. PMID: 11694532. ; Differential association of CD45 isoforms with CD4 and CD8 regulates the actions of specific pools of p56lck tyrosine kinase in T cell antigen receptor signal transduction. ; Ishii et al. 2001. Proc Natl Acad Sci U S A. 98(21):12138-43. PMID: 11593028. ; CD26-mediated signaling for T cell activation occurs in lipid rafts through its association with CD45RO. ; Ponsford et al. 2001. Clin Exp Immunol. 124(2):315-22. PMID: 11422210. ; Differential responses of CD45+ve T-cell subsets to MBP in multiple sclerosis. ; Smith et al. 1986. Immunology. 58(1):63-70. PMID: 2423439. ; Fn subsets of human helper-inducer cells defined by a new monoclonal antibody, UCHL1.

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