

Anti-CD4 V1 domain [QS4120]

Catalogue number: 151155

Sub-type: Primary antibody

Images:

Contributor

Inventor: Peter Beverley

Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD4 V1 domain [QS4120]

Alternate name: CD4 Molecule; T-Cell Surface Antigen T4/Leu-3; T-Cell Surface Glycoprotein CD4; CD4 Receptor; CD4 Antigen

Class: Monoclonal

Conjugate: Unconjugated

Description: Anti-CD4 V1 domain [QS4120] binds to domain 1 of CD4 and blocks binding of gp120 to CD4 (Ringe and Bhattacharya, 2012).

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: CD4+ transfectant followed by CEM cells

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Human colonic mucus, epithelial cells and cell membranes.

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD4 V1 domain

Target alternate names:

Target background: CD4 is a T cell co-receptor that recognises, together with the T cell receptor, MHC class II molecules. CD4 cell counts are used as indicator of AIDS progression. In addition to virus binding, CD4 may have an active role in membrane fusion.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IF ; Fn

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 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: Richman et al. 1987. Int J Cancer. 39(3):317-28. PMID: 2434440. ; Monoclonal

antibodies to human colorectal epithelium: markers for differentiation and tumour characterization.

CancerTools.org