

Anti-CD55 [BU84]

Catalogue number: 153228

Sub-type: Primary antibody

Images:

Contributor

Inventor: Margaret Goodall

Institute: University of Birmingham

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD55 [BU84]

Alternate name: Complement decay-accelerating factor 55; Dcay accelerating factor for complement; DAF

Class: Monoclonal

Conjugate: Unconjugated

Description: CD55 regulates the complement system on the cell surface. It recognizes C4b and C3b fragments that are created during classical complement pathway and alternative complement pathway activation and indirectly blocks the formation of the membrane attack complex. CD97 is a member of the epidermal growth factor-seven transmembrane family. It affects tumour aggressiveness by binding its cellular ligand CD55 and exhibits adhesive properties. Previous studies have shown that CD97 and CD55 are involved in the dedifferentiation, migration, invasiveness and metastasis of tumours.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Pre-B cells

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD97 Ligand

Target alternate names:

Target background: CD55 regulates the complement system on the cell surface. It recognizes C4b and C3b fragments that are created during classical complement pathway and alternative complement pathway activation and indirectly blocks the formation of the membrane attack complex. CD97 is a member of the epidermal growth factor-seven transmembrane family. It affects tumour aggressiveness by binding its cellular ligand CD55 and exhibits adhesive properties. Previous studies have shown that CD97 and CD55 are involved in the dedifferentiation, migration, invasiveness and metastasis of tumours.

Molecular weight:

Ic50:

Applications

Application: IHC

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:

CancerTools.org