

Anti-C3 [WM1]

Catalogue number: 153253

Sub-type: Primary antibody

Images:

Contributor

Inventor: Walter Bodmer

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

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-C3 [WM1]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates. Derived from proteolytic degradation of complement C3, C3a anaphylatoxin is a mediator of local inflammatory process. It induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 lambda

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Human complement component 3

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Human primary fibroblasts

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Human complement component 3

Target alternate names:

Target background: C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates. Derived from proteolytic degradation of complement C3, C3a anaphylatoxin is a mediator of local inflammatory process. It induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes.

Molecular weight:

Ic50:

Applications

Application: Fn ; IP

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Ward et al. 1995. Biochem Pharmacol. 50(4):459-64. PMID: 7646550. ; Cross-resistance studies on two K562 sublines resistant to diaziridinybenzoquinones.

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