

Anti-Spectrin [RG/26] rAb

Catalogue number: 154838

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: Absolute Antibody; University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Spectrin [RG/26] rAb

Alternate name:

Class: Recombinant

Conjugate: Unconjugated

Description: Spectrin is a cytoskeletal protein that lines the intracellular side of the plasma membrane of many cell types in pentagonal or hexagonal arrangements, forming a scaffolding and playing an important role in maintenance of plasma membrane integrity and cytoskeletal structure. In certain types of brain injury such as diffuse axonal injury, spectrin is irreversibly cleaved by the proteolytic enzyme calpain, destroying the cytoskeleton. Spectrin cleavage causes the membrane to form blebs and ulti...

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Red cell membranes

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Spectrin

Target alternate names:

Target background: Spectrin is a cytoskeletal protein that lines the intracellular side of the plasma membrane of many cell types in pentagonal or hexagonal arrangements, forming a scaffolding and playing an important role in maintenance of plasma membrane integrity and cytoskeletal structure. In certain types of brain injury such as diffuse axonal injury, spectrin is irreversibly cleaved by the proteolytic enzyme calpain, destroying the cytoskeleton. Spectrin cleavage causes the membrane to form blebs and ultimately...

Molecular weight:

Ic50:

Applications

Application:

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: New sites of human S-100 immunoreactivity detected with monoclonal antibodies. ; Production of monoclonal antibodies directed against antigenic determinants common to the alpha- and beta-chain of bovine brain S-100 protein. ; Vanstapel et al. 1985. Lab Invest. 52(2):232-8. PMID: 2578587. ; Vanstapel et al. 1986. Am J Clin Pathol. 85(2):160-8. PMID: 2418676.

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