Anti-Band III [Q1/156] mAb

Catalogue number: 151337
Sub-type:
Images:

Contributor

Inventor: Jacqueline Cordell
Institute: University of Oxford
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Band III [Q1/156] mAb

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: Band III is a protein associated with the surface membrane of red blood cells and their precursors. It is the major glycoprotein of the erythrocyte membrane and mediates exchange of chloride and bicarbonate across the phospholipid bilayer and plays a central role in respiration of carbon dioxide. Band III is also a potential binding site for haemoglobin.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1 kappa
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Foetal liver cells
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: Band III

Target alternate names:

Target background: Band III is a protein associated with the surface membrane of red blood cells and their precursors. It is the major glycoprotein of the erythrocyte membrane and mediates exchange of chloride and bicarbonate across the phospholipid bilayer and plays a central role in respiration of carbon dioxide. Band III is also a potential binding site for haemoglobin.

Molecular weight:

Ic50:

Applications

Application: IHC; IF ; IP ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: RPMI 1640 + 10% FCS + penicillin (100U/ml) + streptomycin (100mg/l) + glutamine (2mM) + HAT
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Cordell et al. 1984. J Histochem Cytochem. 32(2):219-29. PMID: 6198355. ; Immunoenzymatic labeling of monoclonal antibodies using immune complexes of alkaline phosphatase and monoclonal anti-alkaline phosphatase (APAAP complexes).