

Anti-cROS [7-1B]

Catalogue number: 151668

Sub-type: Primary antibody

Images:

Contributor

Inventor: Al Charest

Institute: Tufts University

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-cROS [7-1B]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: c-ROS is a proto-oncogene tyrosine kinase, that is highly-expressed in a variety of tumour cell lines and belongs to the sevenless subfamily of tyrosine kinase insulin receptor genes. It is a type I integral membrane protein and may function as a growth or differentiation factor receptor. The c-ROS gene promoter region has been identified and characterized and it has been shown that the ectopic expression of c-ROS in tumors is tied to hypomethylation of a CpG island in the c-ROS promoter.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Extracellular portion of ROS amino acid 1-285 fused to Fc, transiently expressed in 293 cells and purified using PtnA column chromatography.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Cells transiently expressing human cROS, mouse cells expressing human c-ROS

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: cROS

Target alternate names:

Target background: c-ROS is a proto-oncogene tyrosine kinase, that is highly-expressed in a variety of tumour cell lines and belongs to the sevenless subfamily of tyrosine kinase insulin receptor genes. It is a type I integral membrane protein and may function as a growth or differentiation factor receptor. The c-ROS gene promoter region has been identified and characterized and it has been shown that the ectopic expression of c-ROS in tumors is tied to hypomethylation of a CpG island in the c-ROS promoter.

Molecular weight:

Ic50:

Applications

Application: IF ; IP ; Fn ; WB

Application notes:

Handling

Format: Liquid

Concentration: 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