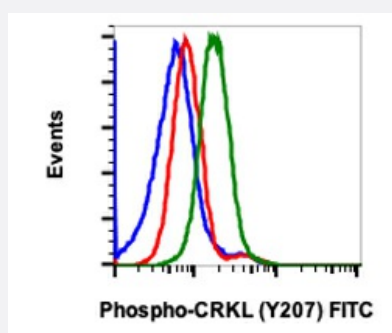


RecomAb™

CRKL recombinant monoclonal antibody, clone CrkLY207-G4 (FTIC)

Catalog # RAB02925 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of K562 cells unstained and treated with imatinib as negative control (blue) or treated imatinib (red) or treated with pervanadate (green) and stained using Phospho-CrkL (Tyr207) FITC conjugated antibody CrkLY207-G4.

Specification

| | |
|---------------------|--|
| Product Description | Rabbit recombinant monoclonal antibody raised against human CRKL. |
| Antibody Species | Rabbit |
| Immunogen | A synthetic phospho-peptide corresponding to residues surrounding Tyr207 of human phospho CrkL |
| Reactivity | Human |
| Form | Liquid |
| Conjugation | FITC |
| Purification | Protein A purification, Protein G purification |
| Isotype | IgG |
| Recommend Usage | Flow Cytometry The optimal working dilution should be determined by the end user. |
| Storage Buffer | 1X PBS, 0.09% Sodium azide, 0.2% BSA |

Storage Instruction

Store at 4°C. Do not freeze.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of K562 cells unstained and treated with imatinib as negative control (blue) or treated imatinib (red) or treated with pervanadate (green) and stained using Phospho-CrkL (Tyr207) FITC conjugated antibody CrkLY207-G4.

Gene Info — CRKL

Entrez GeneID[1399](#)**Protein Accession#**[P46109](#)**Gene Name**

CRKL

Gene Alias

-

Gene Description

v-crk sarcoma virus CT10 oncogene homolog (avian)-like

Omim ID[602007](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein kinase containing SH2 and SH3 (src homology) domains which has been shown to activate the RAS and JUN kinase signaling pathways and transform fibroblasts in a RAS-dependent fashion. It is a substrate of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and may be oncogenic

Other Designations

v-crk avian sarcoma virus CT10 oncogene homolog-like

Pathway

- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [ErbB signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)

- [Focal adhesion](#)
- [Insulin signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)