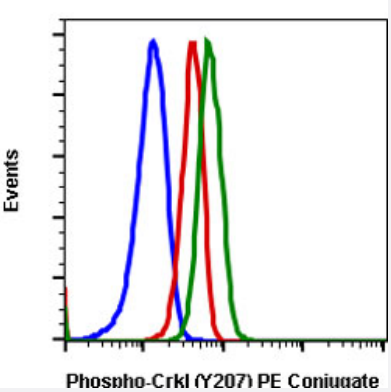
CRKL (phospho Y207) monoclonal antibody, clone G4 (PE)

Catalog # MAB18882 Size 10 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of K562 cells with CRKL (phospho Y207) monoclonal antibody, clone G4 (PE) (Cat # MAB18882). Secondary antibody only negative control (blue) or imatinib (red) or treated with pervanadate (green).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human CRKL.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Y207 of human CRKL.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Conjugation	PE
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 uL/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).

Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — CRKL

Entrez GeneID	1399
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 fibrobl ast 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