

## Phospho-CrkL (Tyr207) (Clone: G4) rabbit mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	CrkLY207-G4
<b>Application :</b>	FACS, WB
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	Unconjugated
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Crk-like protein; CRKL; v-crk sarcoma virus CT10 oncogene homolog (avian)-like
<b>Isotype :</b>	Rabbit IgG1k

### Description

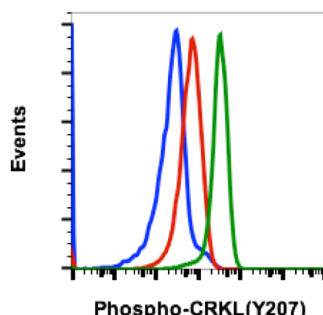
CrkL (v-Crk sarcoma virus CT10 oncogene-like protein) is an adaptor protein composed of one Src Homology 2 (SH2) and two Src Homology 3 (SH3) domains separated by flexible linker sequences that act as building blocks to assemble multiprotein complexes (1). The Crk adaptor proteins (Crk and CrkL) constitute an integral part of a network of essential signal transduction pathways in humans and other organisms that act as major convergence points in tyrosine kinase signaling. CRKL is required for the normal development of multiple tissues that rely on fibroblast growth factor 8 (FGF8). Phosphorylation of Crk on Tyr 221 or CrkL on Tyr 207 causes intramolecular binding of the linker region to the SH2 domain, sequestering the SH2 and SH3N and preventing them from binding target proteins (2,3). Mounting evidence indicates that dysregulation of Crk proteins is associated with human diseases, including cancer and susceptibility to pathogen infections.

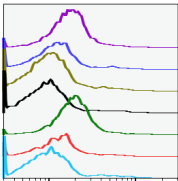
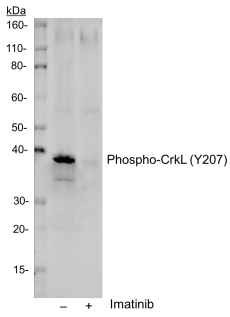
### Product Info

<b>Amount :</b>	200 l $\mu$ l
<b>Content :</b>	1X PBS, 0.02% NaN <sub>3</sub> , 50% Glycerol, 0.1% BSA
<b>Storage condition :</b>	Store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

1 $\mu$ g/mL - 0.001 $\mu$ g/mL. It is recommended that the reagent be titrated for optimal performance for each application. See product image legends for additional information.(0.5mg/ml, more than 200 western blots)





SampleID	Median: BL1.A
Pv G4 N	1712
Imat G4 N	1165
Pv G4 P	981
Imat G4 P	870
Pv G4	1897
Imat G4	1222
Imat Z only	963

