

## Anti-Phospho-CRK (Tyr221) Antibody (7E679)

### Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7E679
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of Phospho-CrkII (Tyr221) expression in (1) K562 cell lysate treated with AP; (2) K562 cell lysate.
Application:	ICC/IF,WB
Recommended	ICC/IF: 1:50-1:200; WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human CRK around the phosphorylation site of Y221
Synonyms:	CRK (p-Y221);p-CRK (Tyr221);Proto-oncogene c-Crk;p-CRK (Y221);CRKII;avian sarcoma virus CT10 (v-crk) oncogene homolog;Adapter molecule crk;CRK;CRK (p-Tyr221)

### Research Background

The Crk-I and Crk-II forms differ in their biological activities. Crk-II has less transforming activity than Crk-I. Crk-II mediates attachment-induced MAPK8 activation, membrane ruffling and cell motility in a Rac-dependent manner. Involved in phagocytosis of apoptotic cells and cell motility via its interaction with DOCK1 and DOCK4. May regulate the EFNA5-EPHA3 signaling.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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