

## Anti-CRK Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M011145

### Product Information

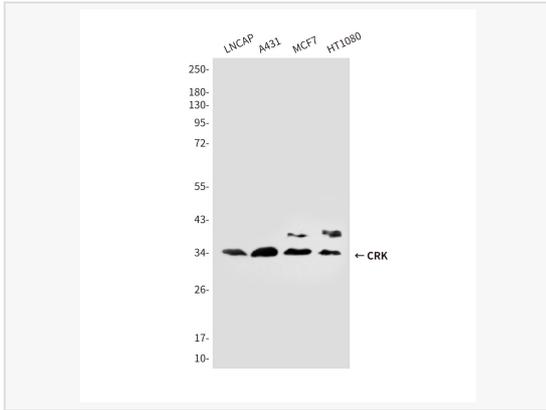
Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	40L38L08
Isotype	IgG2b
Label	Unconjugated
Immunogen	Purified recombinant human CrkII protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CRK antibody [40L38L08] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Adapter molecule crk, avian sarcoma virus CT10 (v-crk) oncogene homolog, CRK, CRKII, Proto-oncogene c-Crk.
Calculated MW	Calculated MW: 34 kDa; Observed MW: 34 kDa
Uniprot ID	P46108
Gene ID	1398
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.

## Validation Images

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Western blot analysis of CrkII in Lncap, A431, MCF-7 and HT-1080 lysates using CrkII antibody.