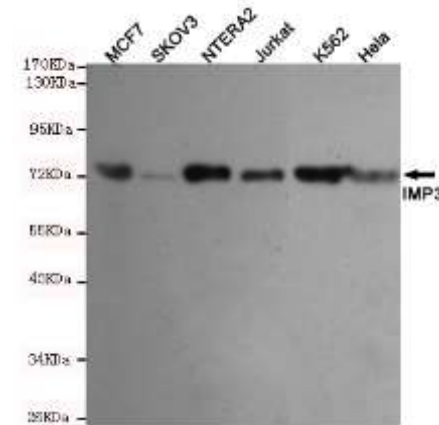


Anti-IMP3 Antibody (1F1-E10-D11)

CATALOG NO:	A1335-100
AMOUNT:	100 µg
ALTERNATIVE NAMES:	Insulin-like growth factor 2 mRNA-binding protein 3, IGF2 mRNA-binding protein 3, IMP-3, IGF-II mRNA-binding protein 3, KH domain-containing protein overexpressed in cancer, hKOC, VICKZ family member 3
CLONALITY:	Monoclonal
CLONE:	1F1-E10-D11
Host/ISOTYPE:	Mouse IgG1
IMMUNOGEN:	Recombinant human IMP3 protein fragments expressed in <i>E.coli</i>
MOLECULAR WEIGHT:	70 kDa
SPECIES REACTIVITY:	Human
SPECIFICITY:	This antibody detects endogenous levels of IMP3 and does not cross-react with related proteins.
PURIFICATION:	Affinity purified
FORM:	Liquid
FORMULATION:	Purified mouse monoclonal in PBS (pH 7.4) containing with 0.02% sodium azide and 50% glycerol
STORAGE CONDITIONS:	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	RNA-binding factor that may recruit target transcripts to cytoplasmic protein-RNA complexes (mRNPs). This transcript 'caging' into mRNPs allows mRNA transport and transient storage. It also modulates the rate and location at which target transcripts encounter the translational apparatus and shields them from endonuclease attacks or microRNA-mediated degradation. Binds to the 3'-UTR of CD44 mRNA and stabilizes it, hence promotes cell adhesion and invadopodia formation in cancer cells. Binds to beta-actin/ACTB and MYC transcripts. Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs.
APPLICATION:	WB; 1:1000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot detection of IMP3 in MCF7, SKOV3, NTERA2, Jurkat, HeLa and K562 cell lysates using IMP3 Antibody

RELATED PRODUCTS:

- 5-hmC polyclonal antibody (rabbit) (**Cat. No. 6830**)
- Acetyl Lysine (Biotin) Antibody (**cat. No. 6125**)
- Acetyl-Histone H2A Antibody (**Cat. No. 3653**)
- Anti- c-Myb Antibody (**Cat. No. A1212**)

FOR RESEARCH USE ONLY! Not to be used on humans.