

## Product datasheet for **TA384737M**

### **ERK1 (MAPK3) Rabbit Monoclonal Antibody [Clone ID: R02-5C8]**

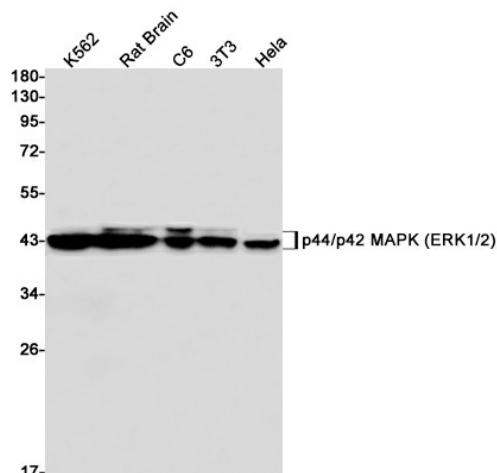
#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	R02-5C8
Applications:	IF, IP, WB
Recommended Dilution:	WB: 1/2000-1/10000 ICC/IF: 1/50 IP: 1/20
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein of human ERK2
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 43,41 kDa; Observed MW: 44,42 kDa
Gene Name:	mitogen-activated protein kinase 3
Database Link:	<a href="#">Entrez Gene 5595 Human P27361</a>
Background:	Swiss-Prot Acc.P28482.
Synonyms:	ERK-1; ERK1; ERT2; HS44KDAP; HUMKER1A; MGC20180; OTTHUMP00000174538; p44-ERK1; p44-MAPK; P44ERK1; p44mapk; PRKM3

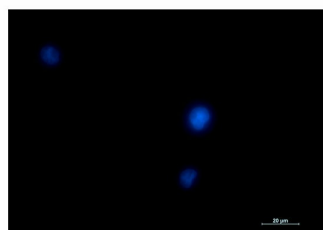
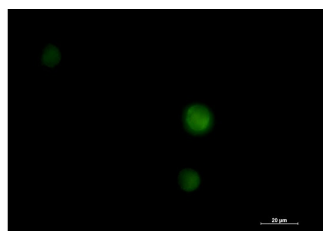


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## Product images:



Western blot detection of p42 MAPK (ERK2) in K562, Rat Brain, C6, 3T3, HeLa cell lysates using p42 MAPK (ERK2) Rabbit mAb(1:1000 diluted). Predicted band size: 43,41 kDa. Observed band size: 44,42 kDa.



Immunocytochemistry analysis of ERK1/2 (green) in K562 using ERK1/2 antibody, and DAPI(blue).