

## Product datasheet for **TA384735**

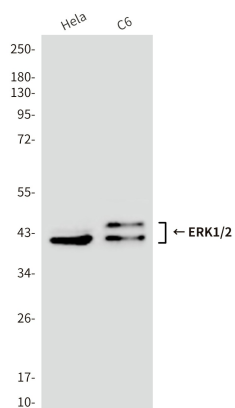
### ERK1 (MAPK3) Mouse Monoclonal Antibody [Clone ID: 9A4-2D4-7A3]

#### Product data:

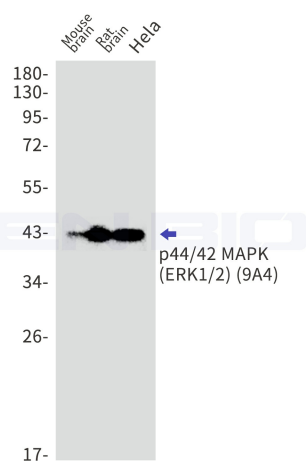
Product Type:	Primary Antibodies
Clone Name:	9A4-2D4-7A3
Applications:	IHC, WB
Recommended Dilution:	WB: 1/1000-2000 IHC: 1/100-200
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide conjugated to KLH.
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% Proclin 300, pH 7.3.
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:	44/42kDa
Gene Name:	mitogen-activated protein kinase 3
Database Link:	<a href="#">Entrez Gene 5595 Human P27361</a>
Background:	Swiss-Prot Acc.P27361,P28482.
Synonyms:	ERK-1; ERK1; ERT2; HS44KDAP; HUMKER1A; MGC20180; OTTHUMP00000174538; p44-ERK1; p44-MAPK; P44ERK1; p44mapk; PRKM3



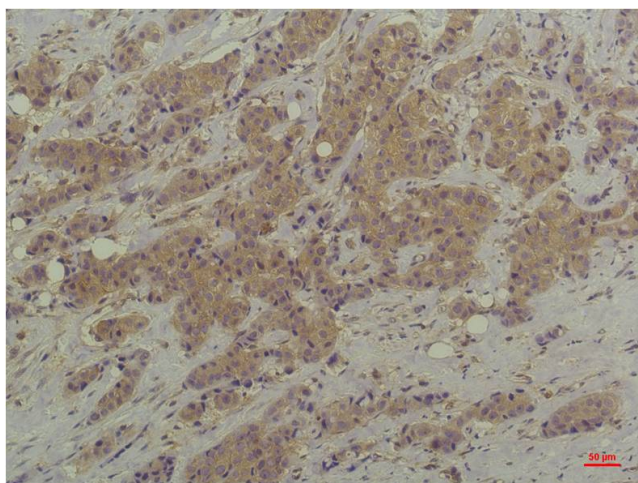
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**Product images:**


Western blot analysis of ERK1/2 (9A4) in HeLa, C6 lysates using ERK1/2 (9A4) antibody



Western blot detection of p44/42 MAPK (ERK1/2) (9A4) in Mouse brain, Rat brain, HeLa cell lysates using p44/42 MAPK (ERK1/2) (9A4) antibody. Observed band size: 42/44kDa.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using P44/42 MAPK (ERK1/2) Mouse mAb diluted at 1:200.