

Anti-MAPK1/ERK2 Antibody (R3H54)

Summary

Catalog No.	RHD79502
Clone ID	R3H54
Host species	Mouse
Tested applications	IF: 1:200-1:1000, IHC: 1:200-1:1000, WB: 1:500-1:2000
Species reactivity	Human, Mouse, Monkey
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
Concentration	1 mg/ml
Purity	>95% as determined by SDS-PAGE.
Clonality	Monoclonal
Isotype	IgG2a
Applications	IF, IHC, WB
Target	MAP kinase isoform p42, PRKM2, Extracellular signal-regulated kinase 2, MAPK 2, Mitogen-activated protein kinase 1, PRKM1, p42-MAPK, Mitogen-activated protein kinase 2, MAP kinase 1, MAP kinase 2, ERK2, ERT1, ERK-2, MAPK 1, MAPK1
Purification	Protein A/G purified from cell culture supernatant.
Endotoxin level	Please contact with the lab for this information.
Accession	P28482

Stability and Storage

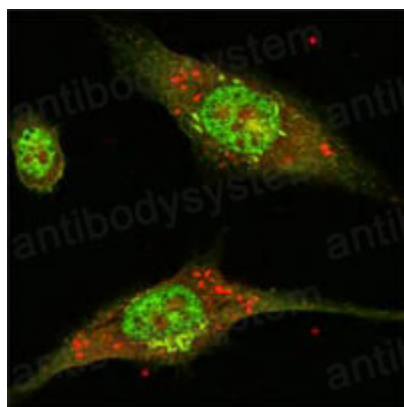
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

Note

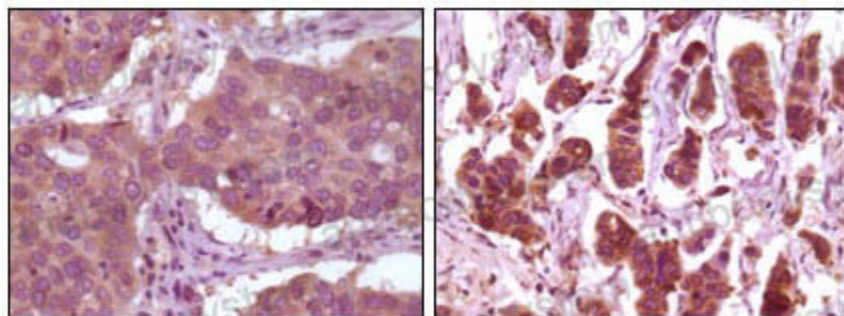
For research use only.

Data Image



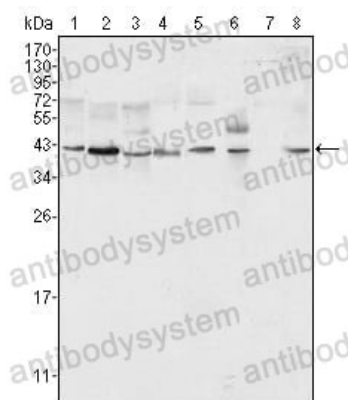
Immunofluorescence

Confocal Immunofluorescence analysis of Eca-109 cells using ERK2 mouse mAb (green).



Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human lung carcinoma (left) and breast carcinoma (right) showing cytoplasmic localization using ERK2 mouse mAb with DAB staining.



Western blot

Western blot analysis using ERK2 mouse mAb against Hela (1), NIH/3T3 (2), MCF-7 (3), HEK293 (4), Jurkat (5), A549 (6), NTERA-2 (7) and SMMC-7721 (8) cell lysate.