

Anti-eIF4A1 Mouse mAb

Purified Mouse Monoclonal Antibody

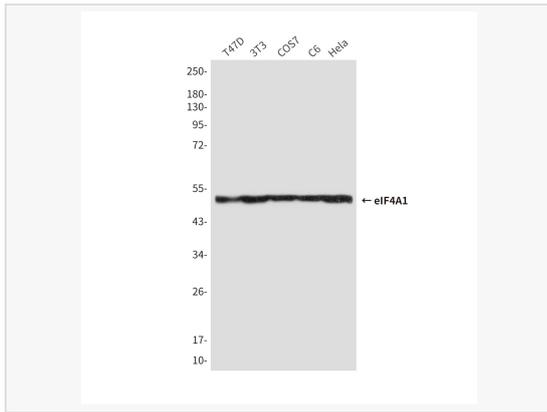
Catalog # M011054

Product Information

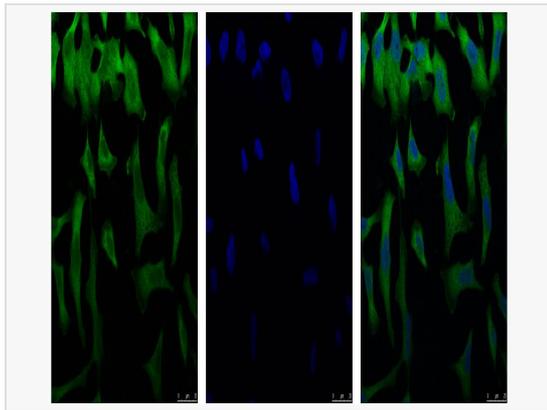
Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human, Mouse (Cell), Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200
Host	Mouse
Clonality	Monoclonal
Clone No.	58K32M65
Isotype	IgG1
Label	Unconjugated
Immunogen	Synthetic Peptide of eIF4A1
Format	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-eIF4A1 antibody [58K32M65] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

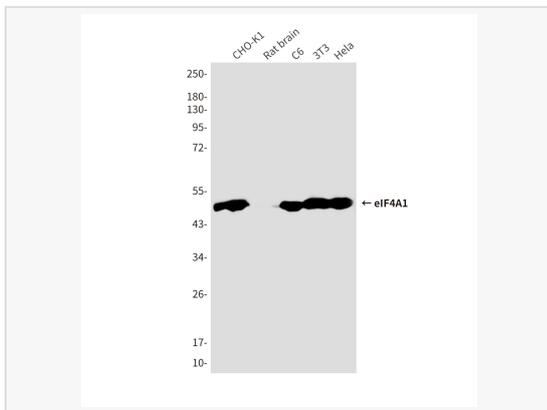
Synonyms	Eukaryotic initiation factor 4A-I, eIF-4A-I, eIF4A-I, ATP-dependent RNA helicase eIF4A-I.
Calculated MW	Calculated MW: 46 kDa; Observed MW: 46 kDa
Uniprot ID	P60842
Gene ID	1973
Background	ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome.



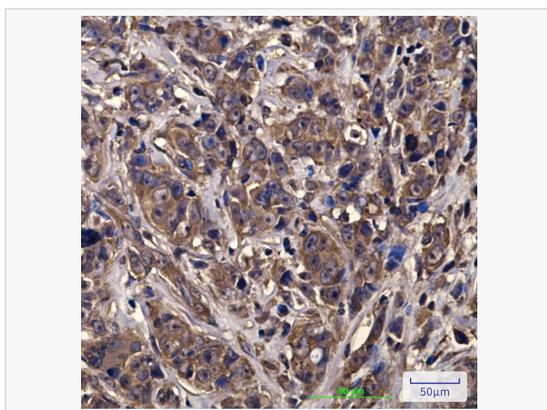
Western blot analysis of eIF4A1 in T47D, 3T3, COS7, C6 and HeLa lysates using eIF4A1 antibody [58K32M65].



Immunofluorescence analysis of eIF4A1 in HeLa using eIF4A1 antibody [58K32M65] (Left), and DAPI (blue).



Western blot analysis of eIF4A1 in CHO-K1, rat brain, C6, 3T3, HeLa lysates using eIF4A antibody [58K32M65].



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using eIF4A1 antibody [58K32M65]. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.