

Anti-ASK1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

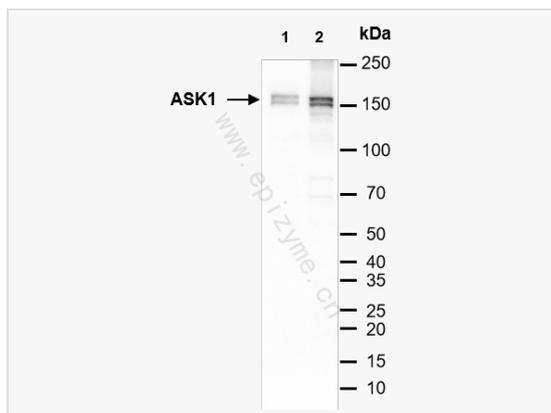
Catalog # R014189

Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	25G74I07
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ASK1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
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-ASK1 Rabbit mAb [25G74I07] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Apoptosis signal regulating kinase 1, Apoptosis signal-regulating kinase 1, ASK 1, ASK-1, ASK1, M3K5, M3K5_HUMAN, MAP/ERK kinase kinase 5, MAP3K5, MAPK/ERK kinase kinase 5, MAPKKK5, MEK kinase 5, MEKK 5, MEKK5, Mitogen activated protein kinase kinase kinase 5, Mitogen-activated protein kinase kinase kinase 5.
Calculated MW	Calculated MW: 155 kDa; Observed MW: 155 kDa
Uniprot ID	Q99683
Gene ID	4217
Background	Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase, MAPK kinase/MEK, which in turn activates MAPK.
Tissue Location	Abundantly expressed in heart and pancreas.



Western Blot - Anti-ASK1 Rabbit mAb [25G74I07]

All lanes: R014189 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

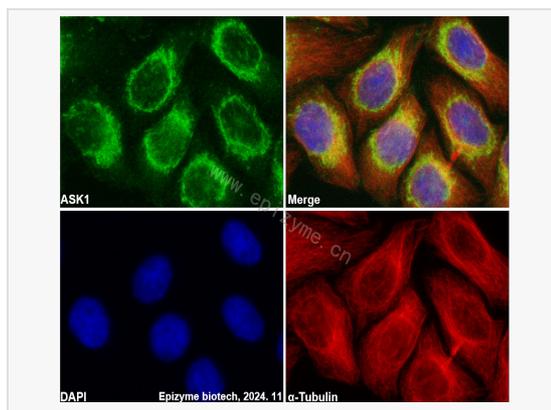
Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 155 kDa

Observed band size: 155 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-ASK1 Rabbit mAb [25G74I07]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R014189 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).