

Recombinant Cytochrome C Monoclonal Antibody

catalog number: E-AB-81449

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

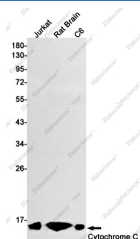
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human Cytochrome C
Host	Rabbit
Isotype	Rabbit IgG
Clone	C123235
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

WB	1:1000-1:2000
IHC	1:50-1:100

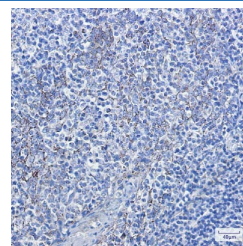
Data



Western blot detection of Cytochrome C in Jurkat,Rat Brain,C6 cell lysates using Cytochrome C Rabbit mAb(1:1000 diluted).Predicted band size:12kDa.Observed band size:14kDa.

Observed-MW:14 kDa

Calculated-MW: 12 kDa



Immunohistochemistry of Cytochrome C in paraffin-embedded Human tonsil using Cytochrome C Rabbit mAb at dilution 1:100

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Cytochrome c is a 12-15 kDa electron transporting protein located in the inner mitochondrial membrane. Upon apoptotic stimulation,cytochrome c can be released from mitochondria into cytoplasm,resulting in caspase-3 activation and apoptosis. Measurement of cytochrome c release from the mitochondria is useful for detection of the onset of apoptosis in cells. In addition,cytochrome c can also leave cells and be detectable in extra-cellular medium of apoptotic cells and serum of cancer patients. The level of serum cytochrome c may serve as a prognostic maker during cancer therapy.

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.8