

For Research Use Only

Cytochrome c Recombinant antibody



Catalog Number: 83276-1-RR

Basic Information

Catalog Number:

83276-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1455

GenBank Accession Number:

BC009578

GeneID (NCBI):

54205

UNIPROT ID:

P99999

Full Name:

cytochrome c, somatic

Calculated MW:

12 kDa

Observed MW:

12-15 kDa

Purification Method:

Protein A purification

CloneNo.:

230503E10

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, FC, ELISA

Species Specificity:

Human, Mouse

Positive Controls:

WB : HeLa cells, Jurkat cells, HepG2 cells, mouse kidney tissue

Background Information

Cytochrome c is a 12-15 kDa electron transporting protein located in the inner mitochondrial membrane. As a part of respiratory chain, cytochrome c plays a critical role in the process of oxidative phosphorylation and ATP producing. Besides, cytochrome c also gets implicated in apoptosis process. Upon apoptotic stimulation, cytochrome c can be released from mitochondria into cytoplasm, which is required for caspase-3 activation and the occurrence of apoptosis.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

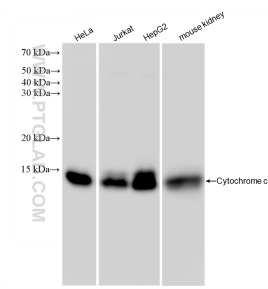
T: 4006900926

E: Proteintech-CN@ptglab.com

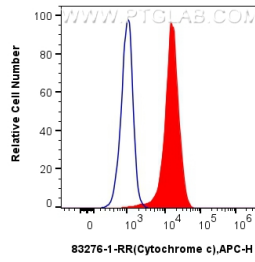
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83276-1-RR (Cytochrome c antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug Cytochrome c Recombinant antibody (83276-1-RR, Clone:230503E10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).