

Calreticulin Rabbit mAb

Catalog No: #58742

Package Size: #58742-1 50ul #58742-2 100ul

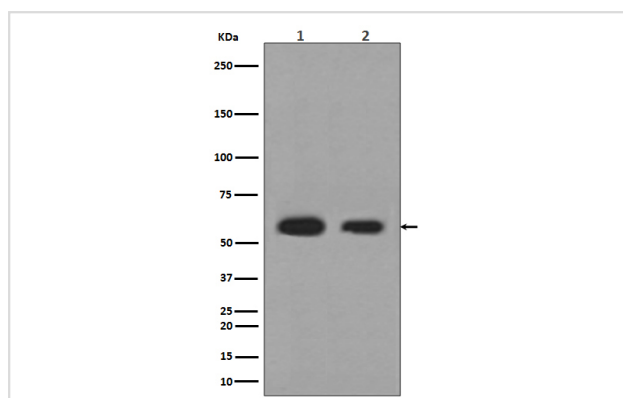
Description

Product Name	Calreticulin Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	Calreticulin Antibody - ER Marker detects endogenous levels of total Calreticulin - ER Marker
Immunogen Description	A synthesized peptide derived from human Calreticulin - ER Marker
Other Names	CALR; CRT; FLJ26680; RO; SSA; cC1Qr; CRP55; CRTC; HACBP;
Accession No.	Uniprot:P27797
Calculated MW	60kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

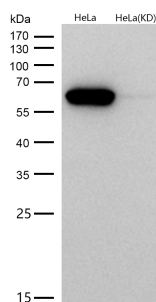
Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

Images



Western blot analysis of Calreticulin expression in (1)HeLa cell lysate; (2)HepG2 cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Background

Calcium is a universal signaling molecule involved in many cellular functions such as cell motility, metabolism, protein modification, protein folding and apoptosis. Calcium is stored in the endoplasmic reticulum (ER), where it is buffered by calcium binding chaperones such as calnexin and calreticulin, and is released via the IP3 Receptor.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.