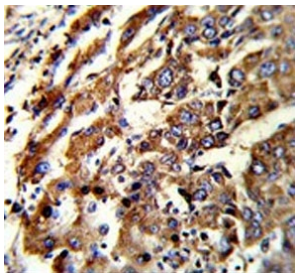
Endoplasmic reticulum resident protein 29 Antibody / ERP29 (F54790)

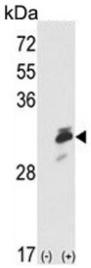
Catalog No.	Formulation	Size
F54790-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54790-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

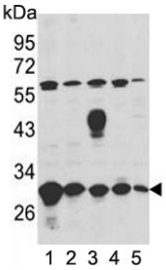
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P30040
Localization	Cytoplasmic
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:1000
Limitations	This Endoplasmic reticulum resident protein 29 antibody is available for research use only.



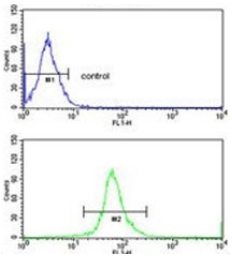
IHC testing of FFPE human hepatocellular carcinoma tissue with Endoplasmic reticulum resident protein 29 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with Endoplasmic reticulum resident protein 29 antibody.



Western blot testing of human 1) A2058, 2) A375, 3) MCF7, 4) NCI-H460 and 5) Y79 cell lysate with Endoplasmic reticulum resident protein 29 antibody. Predicted molecular weight: ~29 kDa.



Flow cytometry testing of human NCI-H292 cells with Endoplasmic reticulum resident protein 29 antibody; Blue=isotype control, Green= Endoplasmic reticulum resident protein 29 antibody.

Description

ERP29 shows sequence similarity to the protein disulfide isomerase family. However, it lacks the thioredoxin motif characteristic of this family, suggesting that this protein does not function as a disulfide isomerase. The protein dimerizes and is thought to play a role in the processing of secretory proteins within the ER.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Endoplasmic reticulum resident protein 29 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 151-179 from the human protein was used as the immunogen for the Endoplasmic reticulum resident protein 29 antibody.

Storage

Aliquot the Endoplasmic reticulum resident protein 29 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.