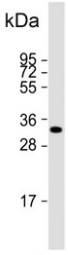
HPGD Antibody / 15-PGDH (F54885)

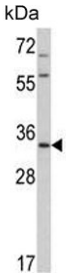
Catalog No.	Formulation	Size
F54885-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54885-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

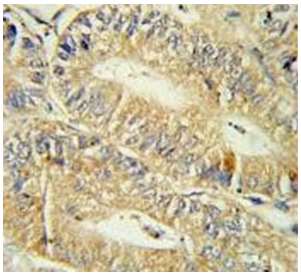
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P15428
Localization	Cytoplasmic
Applications	Flow cytometry: 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE): 1:50-1:100 Western blot: 1:500-1:1000
Limitations	This HPGD antibody is available for research use only.



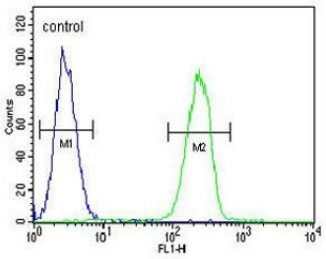
Western blot testing of human placental tissue lysate with HPGD antibody. Predicted molecular weight ~29 kDa.



Western blot testing of human MDA-MB-231 cell lysate with HPGD antibody. Predicted molecular weight ~29 kDa.



IHC testing of FFPE human colon carcinoma tissue with IRF7 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human MDA-MB-231 cells with HPGD antibody; Blue=isotype control, Green= HPGD antibody.

Description

HPGD is a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. This protein is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation.

Application Notes

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

Immunogen

A portion of amino acids 184-212 from the human protein was used as the immunogen for the HPGD antibody.

Storage

Aliquot the HPGD antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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