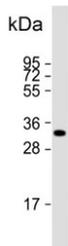


## HPGD Antibody / 15-PGDH (F54885)

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](#)

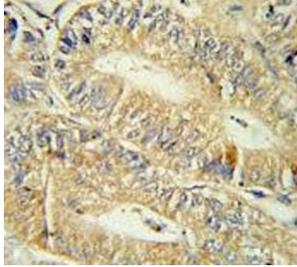
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P15428
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Flow Cytometry : 1:10-1:50 (1x10 <sup>6</sup> cells) Immunohistochemistry (FFPE) : 1:50-1:100 Western Blot : 1:500-1:1000
<b>Limitations</b>	This HPGD antibody is available for research use only.



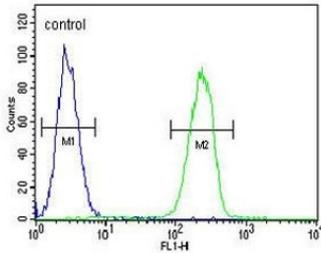
Western blot testing of human placental tissue lysate with HPGD antibody. Predicted molecular weight ~29 kDa.

kDa  
72  
55  
36  
28  
17

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.

