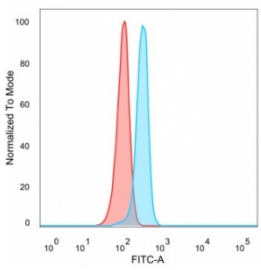
Hepatoma Derived Growth Factor Antibody / HDGF [clone PCRP-HDGF-1D1] (V4749)

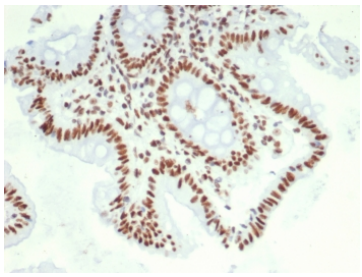
Catalog No.	Formulation	Size
V4749-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4749-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4749SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

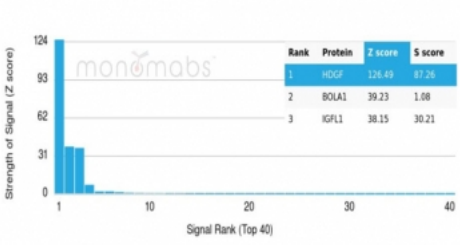
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	PCRP-HDGF-1D1
Purity	Protein A/G affinity
UniProt	P51858
Localization	Nucleus, Cytoplasm
Applications	Flow Cytometry : 1-2ug/million cells Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Hepatoma Derived Growth Factor antibody is available for research use only.



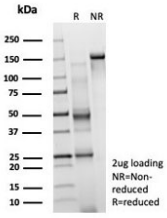
Flow cytometry testing of PFA-fixed human HeLa cells with Hepatoma Derived Growth Factor antibody (clone PCRP-HDGF-1D1) followed by goat anti-mouse IgG-CF488 (blue); Red = unstained cells.



IHC staining of FFPE human colon carcinoma tissue with Hepatoma Derived Growth Factor antibody (clone PCRP-HDGF-1D1). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Analysis of a HuProt(TM) microarray containing more than 19,000 full-length human proteins using Hepatoma Derived Growth Factor antibody (clone PCRP-HDGF-1D1). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a mAb to its intended target. A mAb is considered to specific to its intended target, if the mAb has an S-score of at least 2.5. For example, if a mAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that mAb to protein X is equal to 29.



SDS-PAGE analysis of purified, BSA-free Hepatoma Derived Growth Factor antibody (clone PCRP-HDGF-1D1) as confirmation of integrity and purity.

Description

This gene encodes a nuclear protein containing a SWIRM domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes, though it silences genes by functioning as a histone demethylase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]

Application Notes

Optimal dilution of the Hepatoma Derived Growth Factor antibody should be determined by the researcher.

Immunogen

Recombinant full-length human Hepatoma Derived Growth Factor protein was used as the immunogen for the HDGF antibody.

Storage

Aliquot the Hepatoma Derived Growth Factor antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.