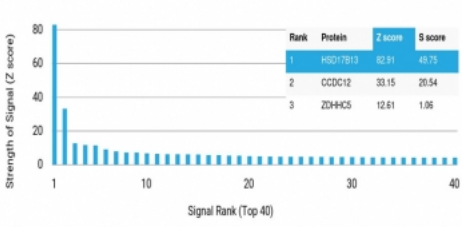
HSD17B13 Antibody [clone HSD17B13/13101] (V5738)

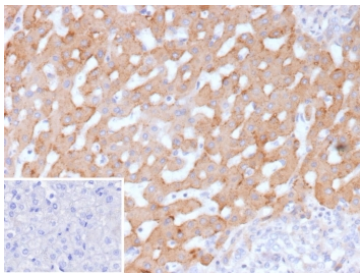
Catalog No.	Formulation	Size
V5738-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5738-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5738SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

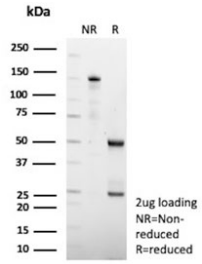
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	HSD17B13/13101
Purity	Protein G affinity
UniProt	Q7Z5P4
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This HSD17B13 antibody is available for research use only.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using HSD17B13 antibody (clone HSD17B13/13101). These results demonstrate the foremost specificity of the HSD17B13/13101 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) 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 the targets on the 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-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



IHC staining of FFPE human hepatocellular carcinoma tissue with HSD17B13 antibody (clone HSD17B13/13101). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free HSD17B13 antibody (clone HSD17B13/13101) as confirmation of integrity and purity.

Description

Hydroxysteroid 17-beta dehydrogenase 13 (HSD17B13) is an enzyme in the liver that is associated with lipid droplets. It is encoded by the HSD17B13 gene in humans. HSD17B13 levels increase in patients with non-alcoholic fatty liver disease (NAFLD) and can enhance lipogenesis. However, some studies have shown that loss-of-function variants in HSD17B13 may protect against the progression of NAFLD to non-alcoholic steatohepatitis, fibrosis, and hepatocellular carcinoma.

For an HSD17B13 antibody with additional western blot, flow cytometry, and multi-species validation, see our HSD17B13 Antibody / SCDR9 Antibody page.

Application Notes

Optimal dilution of the HSD17B13 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-200 of the human protein was used as the immunogen for the HSD17B13 antibody.

Storage

Aliquot the HSD17B13 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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