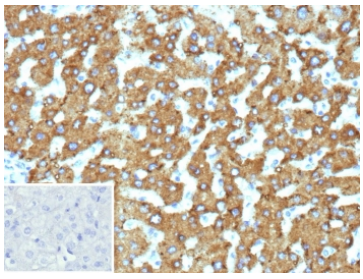
17-beta-HSD 13 Antibody / HSD17B13 [clone HSD17B13/13104] (V5741)

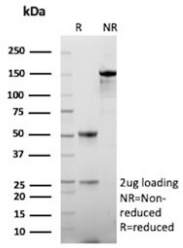
Catalog No.	Formulation	Size
V5741-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5741-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5741SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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	HSD17B13/13104
Purity	Protein G affinity
UniProt	Q7Z5P4
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This 17-beta-HSD 13 antibody is available for research use only.



IHC staining of FFPE human hepatocellular carcinoma tissue with 17-beta-HSD 13 antibody (clone HSD17B13/13104). 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 17-beta-HSD 13 antibody (clone HSD17B13/13104) as confirmation of integrity and purity.

Description

Hydroxysteroid 17-beta dehydrogenase 13 (HSD17B13, 17-beta-HSD 13) 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.

Application Notes

Optimal dilution of the 17-beta-HSD 13 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 17-beta-HSD 13 antibody.

Storage

Aliquot the 17-beta-HSD 13 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com