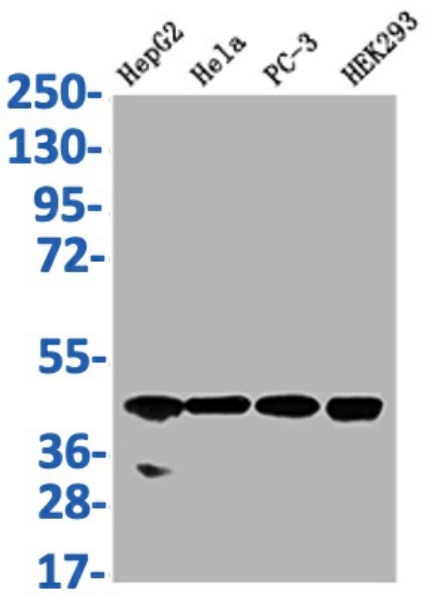
RecomAb™

NSDHL recombinant monoclonal antibody, clone 20F2

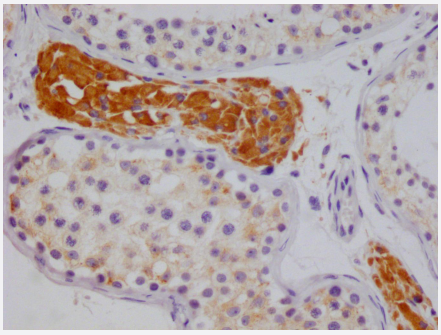
Catalog # RAB07641 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: HepG2 whole cell lysate; Lane 2: Hela whole cell lysate; Lane3: PC-3 whole cell lysate; Lane 4: HEK293 whole cell lysate.



Immunohistochemistry

Immunohistochemistry image of NSDHL recombinant monoclonal antibody, clone 20F2 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NSDHL.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human NSDHL.

Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry(1:50-1:200) Western Blot(1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western Blot analysis of Lane 1: HepG2 whole cell lysate; Lane 2: Hela whole cell lysate; Lane3: PC-3 whole cell lysate; Lane 4: HEK293 whole cell lysate.

- Immunohistochemistry

  Immunohistochemistry image of NSDHL recombinant monoclonal antibody, clone 20F2 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NSDHL

Entrez GeneID	50814
Protein Accession#	Q15738
Gene Name	NSDHL
Gene Alias	H105E3, SDR31E1, XAP104
Gene Description	NAD(P) dependent steroid dehydrogenase-like

Omim ID	300275 308050
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is localized in the endoplasmic reticulum and is involved in chol esterol biosynthesis. Mutations in this gene are associated with CHILD syndrome, which is a X-lin ked dominant disorder of lipid metabolism with disturbed cholesterol biosynthesis, and typically le thal in males. Alternatively spliced transcript variants with differing 5' UTR have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000025902|short chain dehydrogenase/reductase family 31E, member 1|sterol-4-al pha-carboxylate 3-dehydrogenase, decarboxylating

Pathway

- Biosynthesis of alkaloids derived from terpenoid and polyketide
- Metabolic pathways
- Steroid biosynthesis