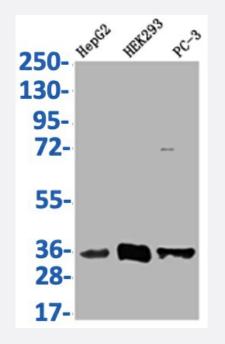


RecomAb™

NTHL1 recombinant monoclonal antibody, clone 22H10

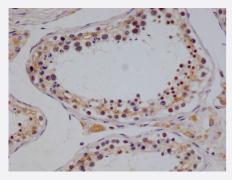
Catalog # RAB07643 Size 100 uL

Applications



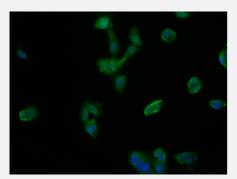
Western Blot

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



Immunohistochemistry

Immunohistochemistry image of NTHL1 recombinant monoclonal antibody, clone 22H10 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system.

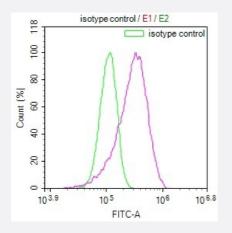


Immunofluorescence

Immunofluorescence staining of PC-3 Cells with NTHL1 recombinant monoclonal antibody, clone 22H10 at 1:50, counter-stained with DAPI.



Product Information



Flow Cytometry

Overlay Peak curve showing HepG2 cells stained with NTHL1 recombinant monoclonal antibody, clone 22H10 (red line) at 1:100.

Specification	
Product Description	Rabbit recombinant monoclonal antibody raised against human NTHL1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human NTHL1.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
lsotype	lgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Immunohistochemistry(1:50-1:200) Immunofluorescence(1:20-1:200) 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

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• Western Blot

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

Immunohistochemistry

Immunohistochemistry image of NTHL1 recombinant monoclonal antibody, clone 22H10 diluted at 1:100 and staining in paraffinembedded human testis tissue performed on a Leica BondTM system.

Immunofluorescence

Immunofluorescence staining of PC-3 Cells with NTHL1 recombinant monoclonal antibody, clone 22H10 at 1:50, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Overlay Peak curve showing HepG2 cells stained with NTHL1 recombinant monoclonal antibody, clone 22H10 (red line) at 1:100.

Gene Info — NTHL1	
Entrez GenelD	<u>4913</u>
Protein Accession#	<u>P78549</u>
Gene Name	NTHL1
Gene Alias	NTH1, OCTS3
Gene Description	nth endonuclease III-like 1 (E. coli)
Omim ID	602656
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a DNA N-glycosylase of the endonuclease III family. Like a si milar protein in E. coli, the encoded protein has DNA glycosylase activity on DNA substrates cont aining oxidized pyrimidine residues and has apurinic/apyrimidinic lyase activity. [provided by Ref Seq
Other Designations	OTTHUMP00000158939 nth endonuclease III-like 1



Pathway

• Base excision repair

Disease

- Adenomatous Polyposis Coli
- Colon cancer
- Genetic Predisposition to Disease
- Graft vs Host Disease
- Intestinal Neoplasms
- <u>Multiple Sclerosis</u>
- Stomach Neoplasms