

RecomAb™

NTHL1 recombinant monoclonal antibody, clone R08-8E9

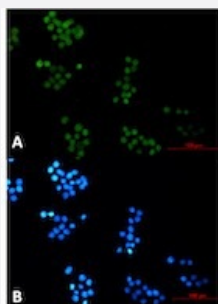
Catalog # RAB02048 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: K562 and Lane 2: Hela lysates with NTHL1 recombinant monoclonal antibody, clone R08-8E9 (Cat # RAB02048).



Immunocytochemistry

Immunocytochemical staining of Hela with NTHL1 recombinant monoclonal antibody, clone R08-8E9 (Cat # RAB02048). (A) NTHL1 (green) and (B) DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NTHL1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human NTHL1.
Theoretical MW (kDa)	Calculated MW: 34 kD
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: K562 and Lane 2: Hela lysates with NTHL1 recombinant monoclonal antibody, clone R08-8E9 (Cat # RAB02048).

- Immunocytochemistry

Immunocytochemical staining of Hela with NTHL1 recombinant monoclonal antibody, clone R08-8E9 (Cat # RAB02048). (A) NTHL1 (green) and (B) DAPI (blue).

- Immunofluorescence

Gene Info — NTHL1

Entrez GeneID	4913
Protein Accession#	P78549
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 similar protein in *E. coli*, the encoded protein has DNA glycosylase activity on DNA substrates containing oxidized pyrimidine residues and has apurinic/apyrimidinic lyase activity. [provided by RefSeq]

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](#)
- [Multiple Sclerosis](#)
- [Stomach Neoplasms](#)