

## **Human NTH1 Antibody**

Monoclonal Mouse IgG<sub>1</sub> Clone # 208521 Catalog Number: MAB2675

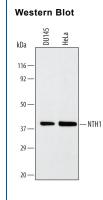
DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human NTH1 in Western blots.
Source	Monoclonal Mouse IgG <sub>1</sub> Clone # 208521
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	E. coli-derived recombinant human NTH1 Met1-Leu312 Accession # P78549
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

## **APPLICATIONS**

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below

## DATA



**Detection of Human NTH1 by** Western Blot. Western blot shows lysates of DU145 human prostate carcinoma cell line and HeLa human cervical epithelial carcinoma cell line. PVDF membrane was probed with 1 μg/mL of Human NTH1 Monoclonal Antibody (Catalog # MAB2675) followed by HRPconjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for NTH1 at approximately 38 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot

Buffer Group 1.

PREPARATION AND STORAGE		
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.	
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.	
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.	
	<ul> <li>12 months from date of receipt, -20 to -70 °C as supplied.</li> </ul>	
	<ul> <li>1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> </ul>	
	<ul> <li>6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>	

## BACKGROUND

NTH1 is a DNA glycosylase with apurinic lyase activity. It functions in the repair of oxidative damage to DNA through the BER (base excision repair) pathway.

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