

HELZ Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant HELZ.****Catalog # AT2348a****Specification**

HELZ Antibody (monoclonal) (M02) - Product Information

Application	WB, IHC, IF, E
Primary Accession	P42694
Other Accession	NM_014877
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	218970

HELZ Antibody (monoclonal) (M02) - Additional Information**Gene ID** 9931**Other Names**

Probable helicase with zinc finger domain, 364-, Down-regulated in human cancers protein, HELZ, DRHC, KIAA0054

Target/Specificity

HELZ (NP_055692, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

IF~~1:50~200

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

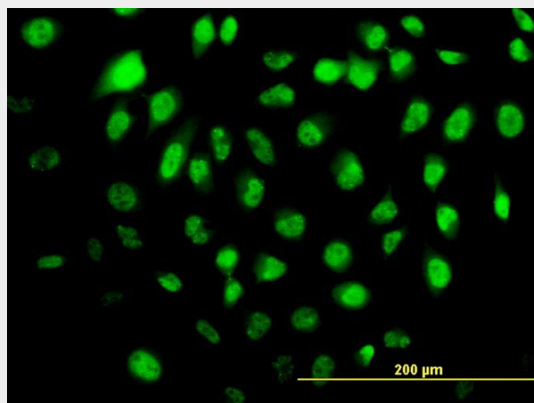
HELZ Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

HELZ Antibody (monoclonal) (M02) - Protocols

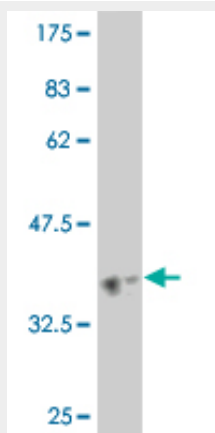
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

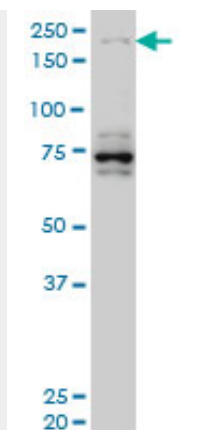
HELZ Antibody (monoclonal) (M02) - Images



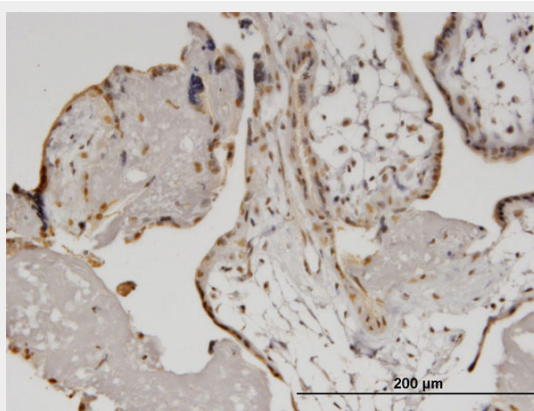
Immunofluorescence of monoclonal antibody to HELZ on HeLa cell. [antibody concentration 10 ug/ml]



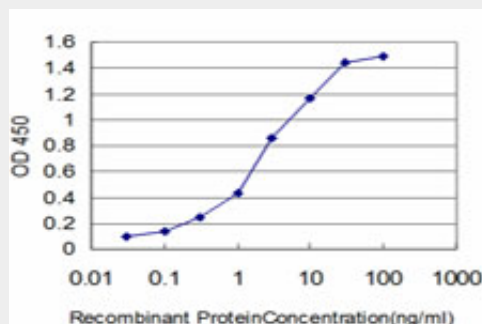
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



HELZ monoclonal antibody (M02), clone 5B2 Western Blot analysis of HELZ expression in Hela S3 NE ((Cat # AT2348a)



Immunoperoxidase of monoclonal antibody to HELZ on formalin-fixed paraffin-embedded human placenta. [antibody concentration 1 ug/ml]



Detection limit for recombinant GST tagged HELZ is approximately 0.03ng/ml as a capture antibody.

HELZ Antibody (monoclonal) (M02) - Background

HELZ is a member of the superfamily I class of RNA helicases. RNA helicases alter the conformation of RNA by unwinding double-stranded regions, thereby altering the biologic activity of the RNA molecule and regulating access to other proteins (Wagner et al., 1999 [PubMed 10471385]).

HELZ Antibody (monoclonal) (M02) - References

1.The Putative RNA Helicase HELZ Promotes Cell Proliferation, Translation Initiation and Ribosomal Protein S6 Phosphorylation.Hasgall PA, Hoogewijs D, Faza MB, Panse VG, Wenger RH, Camenisch G.PLoS One. 2011;6(7):e22107. Epub 2011 Jul 13.