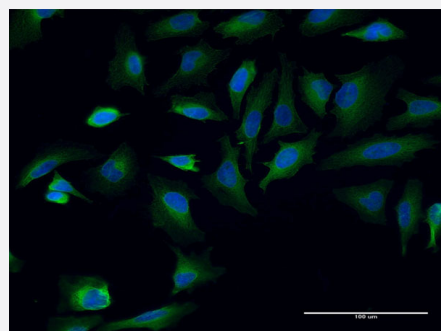


TPR monoclonal antibody (M05), clone 1F8

Catalog # H00007175-M05

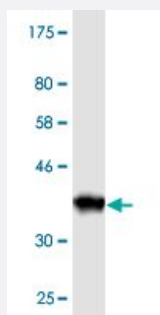
Size 100 ug

Applications



Immunofluorescence

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



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TPR.
Immunogen	TPR (NP_003283, 1 a.a. ~ 98 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAVLQQVLERTELNKLPKSVQNKLEKFLADQQSEIDGLKGRHEKFKVESEQQYFEIEKRLSHSQ ERLVNETRECQSLRLELEKLNNQLKALTEKNKE
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (90)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA
- Immunofluorescence

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

Gene Info — TPR

Entrez GeneID	7175
GeneBank Accession#	NM_003292
Protein Accession#	NP_003283
Gene Name	TPR
Gene Alias	-
Gene Description	translocated promoter region (to activated MET oncogene)
Omim ID	189940
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a large coiled-coil protein that forms intranuclear filaments attached to the inner surface of nuclear pore complexes (NPCs). The protein directly interacts with several components of the NPC. It is required for the nuclear export of mRNAs and some proteins. Oncogenic fusions of the 5' end of this gene with several different kinase genes occur in some neoplasias. [provided by RefSeq]

Other Designations

OTTHUMP00000033584|nuclear pore complex-associated protein TPR|nucleoprotein TPR|tumor potentiating region

Pathway

- [Pathways in cancer](#)
- [Thyroid cancer](#)