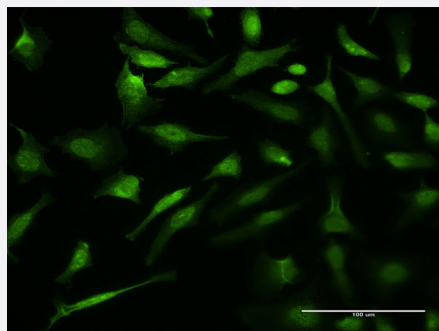


VCP monoclonal antibody (M15), clone 2H5

Catalog # H00007415-M15

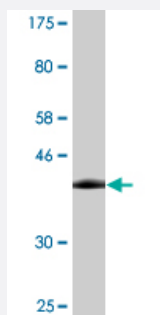
Size 100 ug

Applications



Immunofluorescence

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



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant VCP.

Immunogen

VCP (AAH07562.2, 221 a.a. ~ 310 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

IHTKNMKLADDVDLEQVANETHGHV GADLAALCSEAALQAIRKKMDLIDLEDETIDAEVMNSLAVT
MDDFRWALSQSNPSALRETVVEVP

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 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 VCP on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — VCP

Entrez GeneID	7415
GeneBank Accession#	BC007562
Protein Accession#	AAH07562.2
Gene Name	VCP
Gene Alias	IBMPFD, MGC131997, MGC148092, MGC8560, TERA, p97
Gene Description	valosin-containing protein
Omim ID	167320 601023
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of a family that includes putative ATP-binding proteins involved in vesicle transport and fusion, 26S proteasome function, and assembly of peroxisomes. This protein, as a structural protein, is associated with clathrin, and heat-shock protein Hsc70, to form a complex. It has been implicated in a number of cellular events that are regulated during mitosis, including homotypic membrane fusion, spindle pole body function, and ubiquitin-dependent protein degradation. [provided by RefSeq]

Other Designations

transitional endoplasmic reticulum ATPase|yeast Cdc48p homolog

Disease

- [Amyotrophic Lateral Sclerosis](#)
- [Cardiovascular Diseases](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)