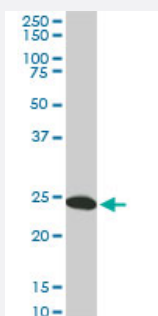


# YWHAG monoclonal antibody (M02), clone 6A10

Catalog # H00007532-M02

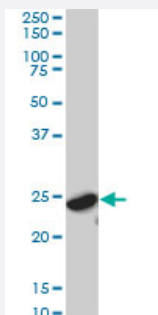
Size 100 ug

## Applications



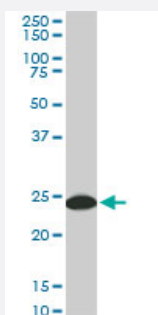
### Western Blot (Cell lysate)

YWHAG monoclonal antibody (M02), clone 6A10. Western Blot analysis of YWHAG expression in NIH/3T3 ( Cat # L018V1 ).



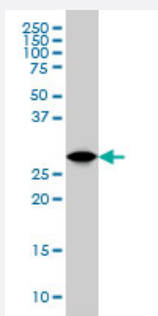
### Western Blot (Cell lysate)

YWHAG monoclonal antibody (M02), clone 6A10. Western Blot analysis of YWHAG expression in IMR-32 ( Cat # L008V1 ).



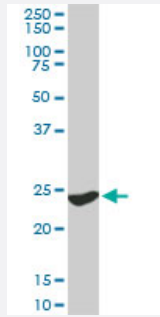
### Western Blot (Cell lysate)

YWHAG monoclonal antibody (M02), clone 6A10. Western Blot analysis of YWHAG expression in Raw 264.7 ( Cat # L024V1 ).



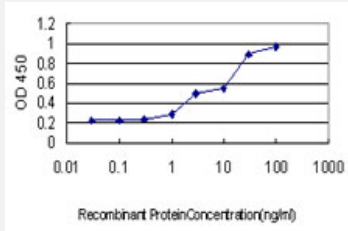
### Western Blot (Cell lysate)

YWHAG monoclonal antibody (M02), clone 6A10 Western Blot analysis of YWHAG expression in K-562 ( Cat # L009V1 ).



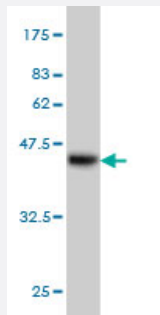
## Western Blot (Cell lysate)

YWHAG monoclonal antibody (M02), clone 6A10. Western Blot analysis of YWHAG expression in PC-12 ( Cat # L012V1 ).



## Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged YWHAG is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant YWHAG.
<b>Immunogen</b>	YWHAG (NP_036611, 70 a.a. ~ 169 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	TSADGNEKKIEMVRAYREKIEKELEAVCQDVLSLLDNYLIKNCSETQYESKVFYLMKGDYYRYLA EVATGEKRATVVESSEKAYSEAHEISKEHMQPTH
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (100)
<b>Isotype</b>	IgG2b Kappa

**Quality Control Testing**

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

YWHAG monoclonal antibody (M02), clone 6A10. Western Blot analysis of YWHAG expression in NIH/3T3 ( Cat # L018V1 ).

[Protocol Download](#)

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[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged YWHAG is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — YWHAG

Entrez GeneID	<a href="#">7532</a>
GeneBank Accession#	<a href="#">NM_012479</a>
Protein Accession#	<a href="#">NP_036611</a>
Gene Name	YWHAG
Gene Alias	14-3-3GAMMA
Gene Description	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide
Omim ID	<a href="#">605356</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 100% identical to the rat ortholog. It is induced by growth factors in human vascular smooth muscle cells, and is also highly expressed in skeletal and heart muscles, suggesting an important role for this protein in muscle tissue. It has been shown to interact with RAF1 and protein kinase C, proteins involved in various signal transduction pathways. [provided by RefSeq]
Other Designations	14-3-3 gamma

## Pathway

- [Cell cycle](#)
- [Neurotrophin signaling pathway](#)