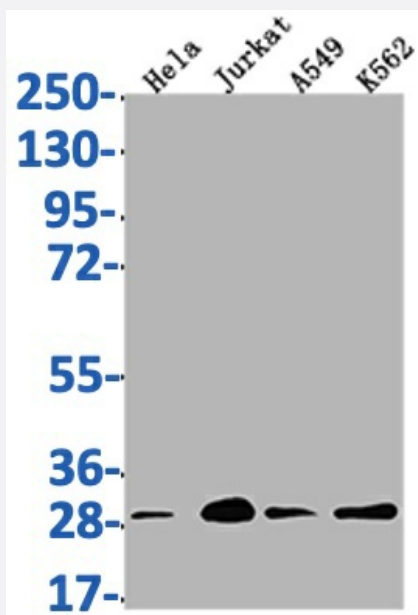


RecomAb™

# YWHAG recombinant monoclonal antibody, clone 13C9

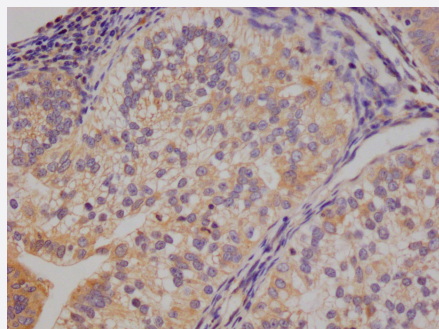
Catalog # RAB07626      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of Lane 1: HeLa whole cell lysate; Lane 2: Jurkat whole cell lysate; Lane3: A549 whole cell lysate; Lane 4: K562 whole cell lysate.



### Immunohistochemistry

Immunohistochemistry image of YWHAG recombinant monoclonal antibody, clone 13C9 diluted at 1:100 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system.

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human YWHAG.
Antibody Species	Rabbit

Immunogen	Original antibody is raised against a synthetic peptide corresponding to human YWHAG.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry(1:50-1:200) Western Blot(1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western Blot analysis of Lane 1: Hela whole cell lysate; Lane 2: Jurkat whole cell lysate; Lane3: A549 whole cell lysate; Lane 4: K562 whole cell lysate.

- Immunohistochemistry

Immunohistochemistry image of YWHAG recombinant monoclonal antibody, clone 13C9 diluted at 1:100 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — YWHAG

Entrez GeneID	<a href="#">7532</a>
Protein Accession#	<a href="#">P61981</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	<p>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]</p>
Other Designations	14-3-3 gamma

## Pathway

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