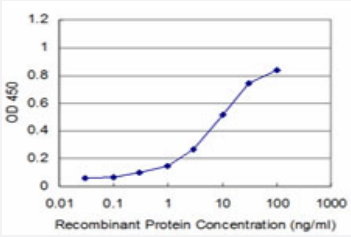
RAX monoclonal antibody (M06), clone 2E3

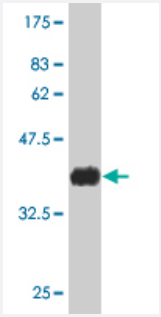
Catalog # H00030062-M06 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RAX is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.33 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant RAX.
Immunogen	RAX (NP_038463, 104 a.a. ~ 206 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KEPWEARPSPGLPVGPATGEAKLSEEEQPKKKHRRNRTTFTTYQLHELERAFEKSHYPDVYSRE ELAGKVNLPEVRVQVWFQNRRAKWRRQEKLEVSSMKLQD
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.33 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

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged RAX is approximately 1ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — RAX

Entrez GeneID	30062
GeneBank Accession#	NM_013435
Protein Accession#	NP_038463
Gene Name	RAX
Gene Alias	MCOP3, RX
Gene Description	retina and anterior neural fold homeobox
Omim ID	601881
Gene Ontology	Hyperlink
Gene Summary	Development of the vertebrate eye requires a series of steps including specification of the anterior neural plate, evagination of the optic vesicles from the ventral forebrain, and the cellular differentiation of the lens and retina. Homeobox-containing genes, including RAX, play a critical role in vertebrate and invertebrate eye formation (Mathers et al., 1997 [PubMed 9177348]).[supplied by OMIM
Other Designations	retinal homeobox protein

Disease

- Anophthalmos
- Coloboma
- Genetic Predisposition to Disease
- Microphthalmos