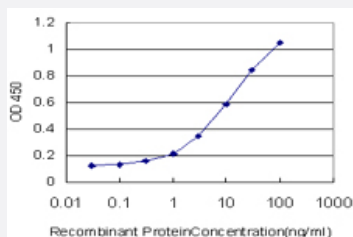


RAX monoclonal antibody (M01), clone 3B3

Catalog # H00030062-M01

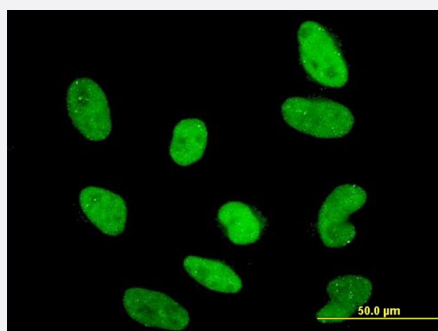
Size 100 ug

Applications



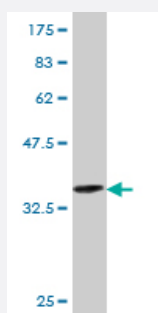
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (37.33 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant RAX.

Immunogen	RAX (NP_038463, 104 a.a. ~ 206 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KEPWEARPSPLPVGPGATGEAKLSEEEQPKKKHRRNRTTFTTYQLHELERAFAEKSHYPDVYSRE ELAGKVNLPVVRVQVWFQNRRAKWRRQEKLEVSSMKLQD
Host	Mouse
Reactivity	Human
Isotype	IgG2a 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 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

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](#)