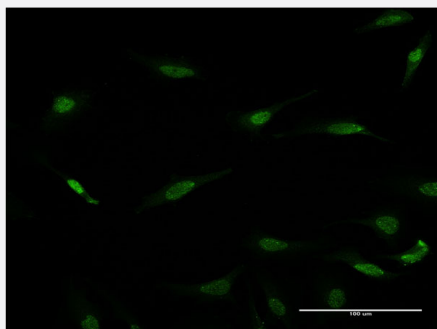


RAX monoclonal antibody (M14), clone 4C6

Catalog # H00030062-M14

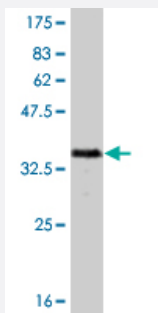
Size 100 ug

Applications



Immunofluorescence

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



Western Blot detection against Immunogen (36.34 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant RAX.

Immunogen

RAX (NP_038463, 253 a.a. ~ 346 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

GATALQSLPGFGPPAQSLPASYP PPPPPFLNSPPLGPGLQPLAPPPPSYPCGPGFGDKFPLD
EADPRNSSIAALRLKAKEHIQAIGKPWQAL *

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.34 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 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](#)