10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RARA Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant RARA.
Catalog # AT3571a

Specification

RARA Antibody (monoclonal) (M03) - Product Information

Application	**WB, IHC, E**
Primary Accession	P10276
Other Accession	NM_000964
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**50771**

RARA Antibody (monoclonal) (M03) - Additional Information

Gene ID 5914

Other Names
Retinoic acid receptor alpha, RAR-alpha, Nuclear receptor subfamily 1 group B member 1, RARA, NR1B1

Target/Specificity
RARA (NP_000955, 315 a.a. ~ 424 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000
IHC~~1:100~500
E~~N/A

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
RARA Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

RARA Antibody (monoclonal) (M03) - Protocols

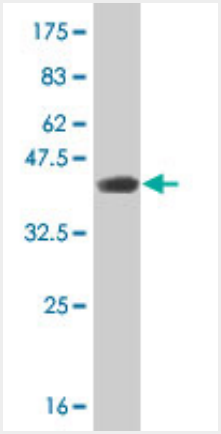
Provided below are standard protocols that you may find useful for product applications.

- Western Blot

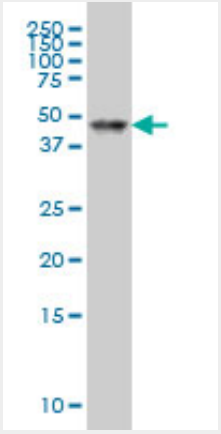
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

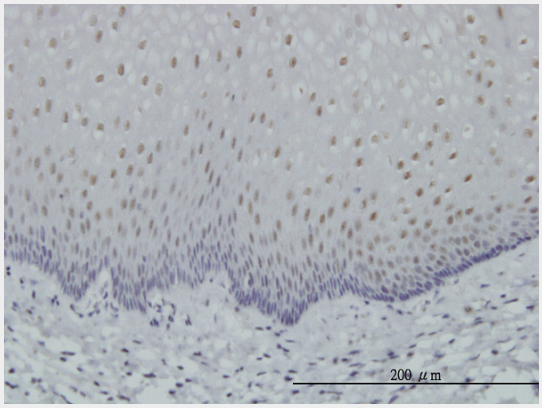
RARA Antibody (monoclonal) (M03) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .

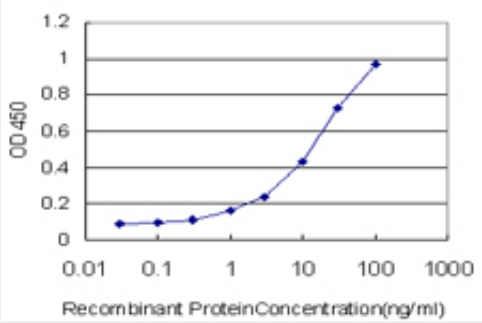


RARA monoclonal antibody (M03), clone 2D2 Western Blot analysis of RARA expression in Hela S3 NE ((Cat # AT3571a)



10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Immunoperoxidase of monoclonal antibody to RARA on formalin-fixed paraffin-embedded human esophagus. [antibody concentration 1.2 ug/ml]



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

RARA Antibody (monoclonal) (M03) - Background

This gene represents a nuclear retinoic acid receptor. The encoded protein, retinoic acid receptor alpha, regulates transcription in a ligand-dependent manner. This gene has been implicated in regulation of development, differentiation, apoptosis, granulopoeisis, and transcription of clock genes. Translocations between this locus and several other loci have been associated with acute promyelocytic leukemia. Alternatively spliced transcript variants have been found for this locus.

RARA Antibody (monoclonal) (M03) - References

1.Moz and Retinoic Acid Coordinately Regulate H3K9 Acetylation, Hox Gene Expression, and Segment Identity.Voss AK, Collin C, Dixon MP, Thomas T.Dev Cell. 2009 Nov;17(5):674-86.