

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

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.

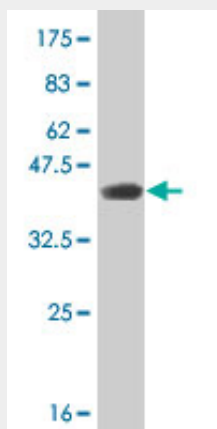
RARA Antibody (monoclonal) (M03) - Protocols

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

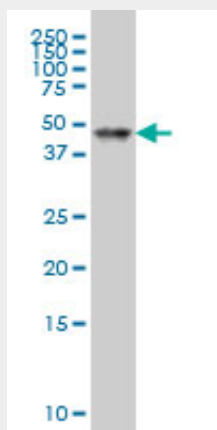
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

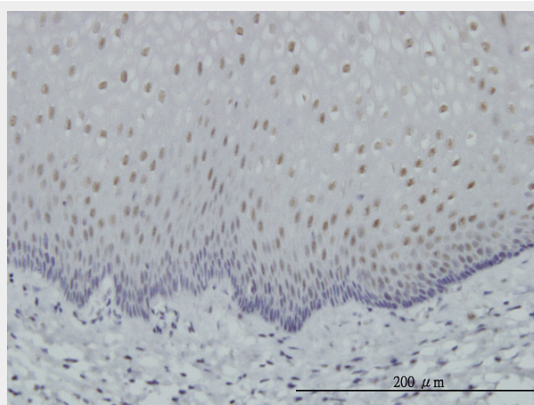
RARA Antibody (monoclonal) (M03) - Images



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

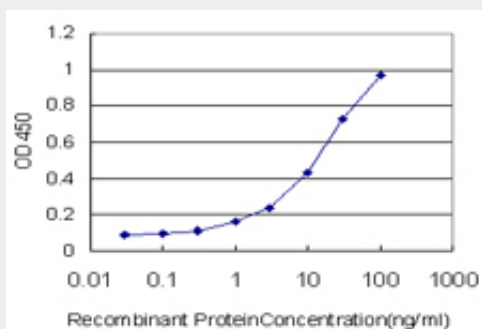


RARA monoclonal antibody (M03), clone 2D2 Western Blot analysis of RARA expression in Hela S3 NE ((Cat # AT3571a)



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, granulopoiesis, 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.