

RARA Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant RARA.

Catalog # AT3571a

Product Information

Application	WB, IHC, E
Primary Accession	P10276
Other Accession	NM_000964
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2D2
Calculated MW	50771

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.

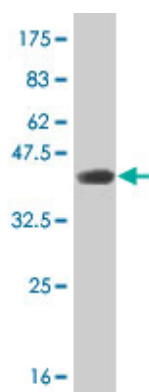
Background

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.

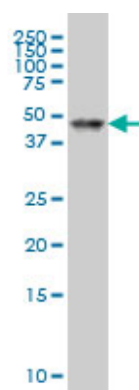
References

1.Moz and Retinoic Acid Coordinately Regulate H3K9 Acetylation, Hox Gene Expression, and Segment

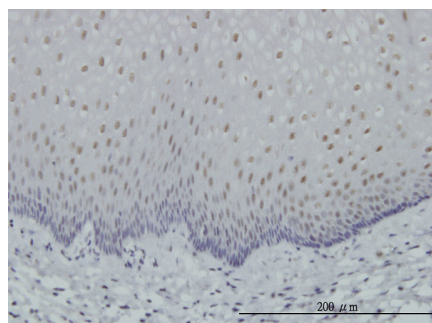
Images



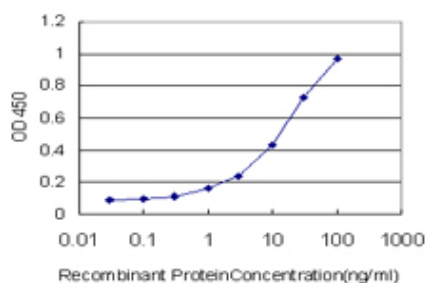
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.