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

NCOA4 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant NCOA4.
Catalog # AT2982a

Specification

NCOA4 Antibody (monoclonal) (M04) - Product Information

Application	**IF, WB, E**
Primary Accession	Q13772
Other Accession	NM_005437
Reactivity	**Human, Mouse**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**69726**

NCOA4 Antibody (monoclonal) (M04) - Additional Information

Gene ID 8031

Other Names
Nuclear receptor coactivator 4, NCoA-4, Androgen receptor coactivator 70 kDa protein, 70 kDa AR-activator, 70 kDa androgen receptor coactivator, Androgen receptor-associated protein of 70 kDa, Ret-activating protein ELE1, NCOA4, ARA70, ELE1, RFG

Target/Specificity
NCOA4 (NP_005428, 505 a.a. ~ 614 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
NCOA4 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

NCOA4 Antibody (monoclonal) (M04) - Protocols

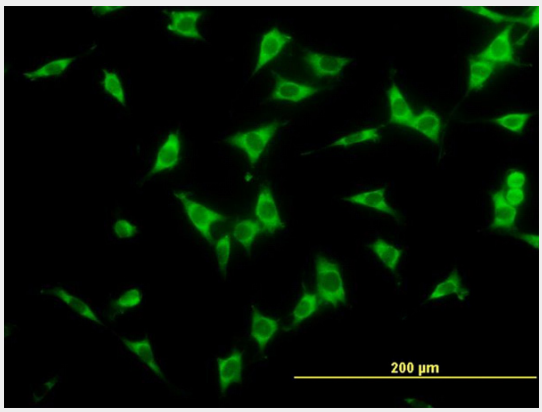
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

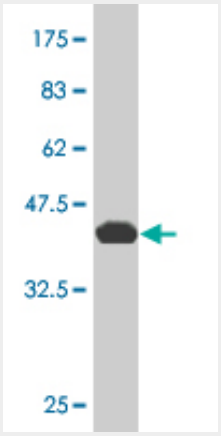
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

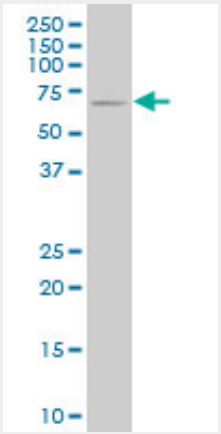
NCOA4 Antibody (monoclonal) (M04) - Images



Immunofluorescence of monoclonal antibody to NCOA4 on NIH/3T3 cell. [antibody concentration 10 ug/ml]

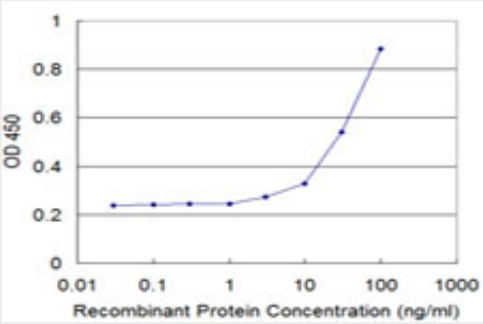


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



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NCOA4 monoclonal antibody (M04), clone 1B7 Western Blot analysis of NCOA4 expression in NIH/3T3 ((Cat # AT2982a)



Detection limit for recombinant GST tagged NCOA4 is approximately 3ng/ml as a capture antibody.

NCOA4 Antibody (monoclonal) (M04) - Background

This gene encodes an androgen receptor coactivator. The encoded protein interacts with the androgen receptor in a ligand-dependent manner to enhance its transcriptional activity. Chromosomal translocations between this gene and the ret tyrosine kinase gene, also located on chromosome 10, have been associated with papillary thyroid carcinoma. Alternatively spliced transcript variants have been described. Pseudogenes are present on chromosomes 4, 5, 10, and 14.

NCOA4 Antibody (monoclonal) (M04) - References

1.Molecular constitution of breast but not other reproductive tissues is rich in growth promoting molecules: A possible link to highest incidence of tumor growths.Poola I, Abraham J, Marshalleck JJ, Yue Q, Fu SW, Viswanath L, Sharma N, Hill R, Dewitty RL, Bonney G.FEBS Lett. 2009 Sep 17;583(18):3069-75. Epub 2009 Aug 19.