

**NCOA4 Antibody (monoclonal) (M04)**

Mouse monoclonal antibody raised against a partial recombinant NCOA4.

Catalog # AT2982a

**Specification**

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**NCOA4 Antibody (monoclonal) (M04) - Product Information**

Application	IF, WB, E
Primary Accession	<a href="#">Q13772</a>
Other Accession	<a href="#">NM_005437</a>
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.

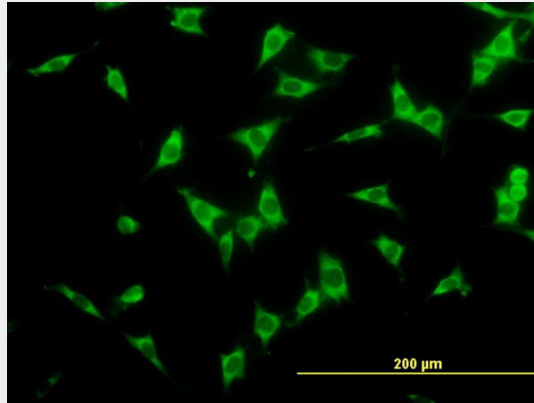
**NCOA4 Antibody (monoclonal) (M04) - Protocols**

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

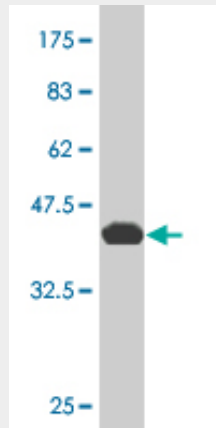
- [Western Blot](#)
- [Blocking Peptides](#)

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

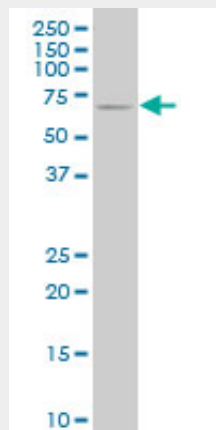
### NCOA4 Antibody (monoclonal) (M04) - Images



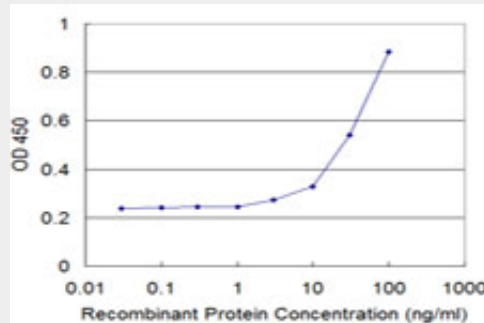
Immunofluorescence of monoclonal antibody to NCOA4 on NIH/3T3 cell. [antibody concentration 10 ug/ml]



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



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.