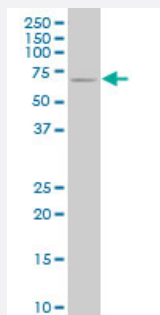


NCOA4 monoclonal antibody (M04), clone 1B7

Catalog # H00008031-M04

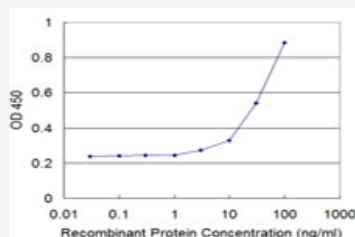
Size 100 ug

Applications



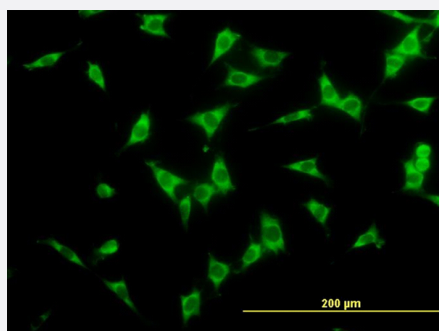
Western Blot (Cell lysate)

NCOA4 monoclonal antibody (M04), clone 1B7 Western Blot analysis of NCOA4 expression in NIH/3T3 (Cat # L018V1).



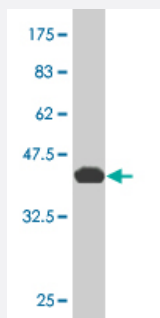
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NCOA4.
Immunogen	NCOA4 (NP_005428, 505 a.a. ~ 614 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EGSPKEVPGTEDRAGKQKFKSPMNTSWCSFNTADWWLPGKKMGNLSQLSSGEDKWLLRKKA QEVLLNSPLQEEHNFPDHYGLPAVCDLFACMQLKVDKEKWLYRTPLQM
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (82); Rat (81)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

NCOA4 monoclonal antibody (M04), clone 1B7 Western Blot analysis of NCOA4 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — NCOA4

Entrez GeneID [8031](#)

GeneBank Accession# [NM_005437](#)

Protein Accession# [NP_005428](#)

Gene Name NCOA4

Gene Alias ARA70, DKFZp762E1112, ELE1, PTC3, RFG

Gene Description nuclear receptor coactivator 4

Omim ID [188550](#) [601984](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations ELE1/ret TK|OTTHUMP00000019601|OTTHUMP00000019603|RET-activating gene ELE1

Publication Reference

- [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 Letters 2009 Sep; 583(18):3069.

Application: IHC-P, Human, Breast, Ovary, Uterus

Pathway

- [Pathways in cancer](#)
- [Thyroid cancer](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)