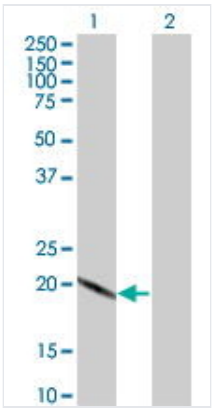
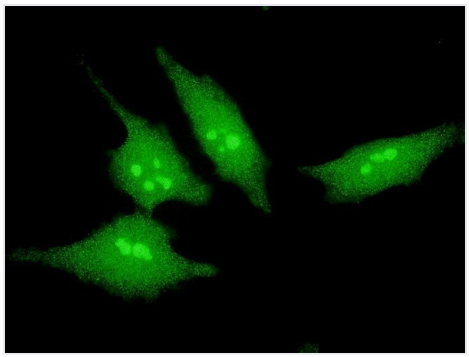
SCAND2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

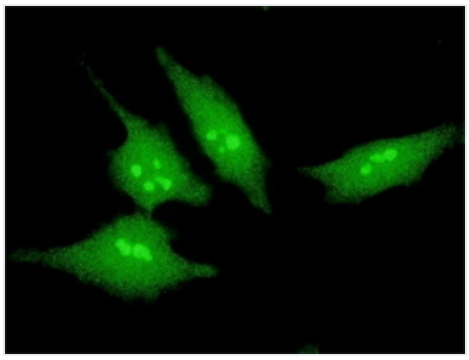
Product Name	SCAND2, Monoclonal Antibody
Full Product Name	SCAND2 (SCAN Domain Containing 2 Pseudogene) (Biotin)
Product Gene Name	anti-SCAND2 antibody
Product Synonym Names	SCAN Domain Containing 2 Pseudogene
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	5F1
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified
Specificity	Recognizes SCAND2.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	34kDa
OMIM	610417
3D Structure	ModBase 3D Structure for Q9GZW5
Immunogen	SCAND2 (NP_071333, 1aa-62aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MAVAVDQQIQTPSVQDLQIVKLEEDSHWEQEISLQGNYPGPETSCQSFWHFRYQEASRPREA
Conjugate	Biotin
Product Categories/Family for anti-SCAND2 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-SCAND2 antibody	ELISA (EIA), Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-SCAND2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-SCAND2 antibody	The SCAN domain is a highly conserved, leucine-rich motif of approximately 60 aa originally found within a subfamily of zinc finger proteins. This gene belongs to a family of genes that encode an isolated SCAN domain, but no zinc finger motif. Functional studies have established that the SCAN box is a protein interaction domain that mediates both hetero- and homoprotein associations, and maybe involved in regulation of transcriptional activity. Multiple transcript variants which encode the same isoform but differ only in their 3' UTRs, and another variant which encodes a distinct isoform have been described for this gene.
Other Notes	Small volumes of anti-SCAND2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SCAND2 purchase	MBS6171807 is an antibody targeting SCAND2. Also known as SCAND2 (SCAN Domain Containing 2 Pseudogene) (Biotin). Host: Mouse.



Western Blot (WB) of anti-SCAND2 antibody
Western Blot analysis of SCAND2 expression in transfected 293T cell line by SCAND2 monoclonal antibody (M02), clone 5F1.Lane 1: SCAND2 transfected lysate(18 KDa).Lane 2: Non-transfected lysate.



Immunofluorescence (IF) of anti-SCAND2 antibody
Immunofluorescence of monoclonal antibody to SCAND2 on HeLa cell. [antibody concentration 10 ug/ml]



Immunofluorescence (IF) of anti-SCAND2 antibody
Immunofluorescence of monoclonal antibody to SCAND2 on HeLa cell. [antibody concentration 10 ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCAND2. It may not necessarily be applicable to this product.

NCBI GI #	15991815
NCBI GeneID	54581
NCBI Accession #	NP_071333
UniProt Primary Accession #	Q9GZW5
UniProt Related Accession #	Q9GZW5
GenBank Nucleotide #	NM_022050
NCBI Official Synonym Full Names	SCAN domain containing 2 pseudogene
NCBI Official Symbol	SCAND2P
NCBI Official Synonym Symbols	SCAND2
UniProt Protein Name	Putative SCAN domain-containing protein SCAND2P
UniProt Synonym Protein Names	SCAN domain-containing protein 2 pseudogene
UniProt Gene Name	SCAND2P
UniProt Synonym Gene Names	SCAND2
UniProt Entry Name	SCND2_HUMAN

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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