



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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RUNX2 monoclonal antibody (M07), clone 4C8

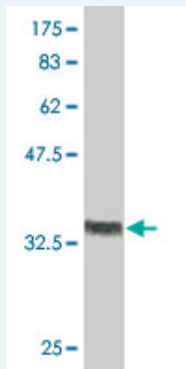
Catalog # : H00000860-M07

規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant RUNX2.
Immunogen:	RUNX2 (NP_004339, 251 a.a. ~ 350 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	NPRPSLNSAPSPFNPGGQSQITDPRQAQSSPPWSYDQSYPSYLSQMTS PSIHSTTPLSSTRGTGLPAITDVPRRISDDDTATSDFCLWPSTLSKKSQA GA
Host:	Mouse
Reactivity:	Human, Rat
Isotype:	IgG2a Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

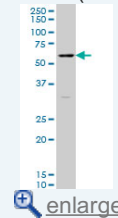
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

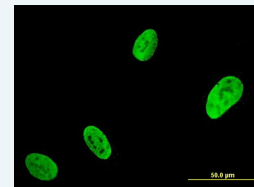
Application Image

Western Blot (Cell lysate)

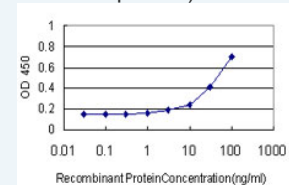


Western Blot (Recombinant protein)

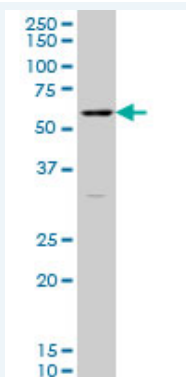
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA



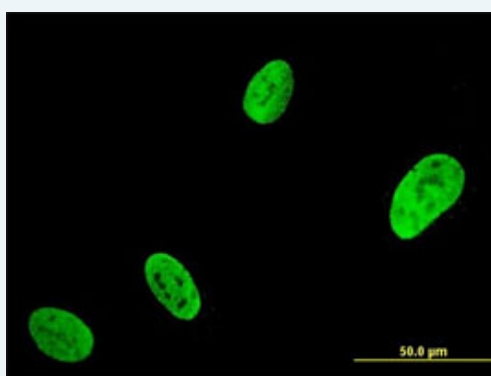
RUNX2 monoclonal antibody (M07), clone 4C8 Western Blot analysis of RUNX2 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence

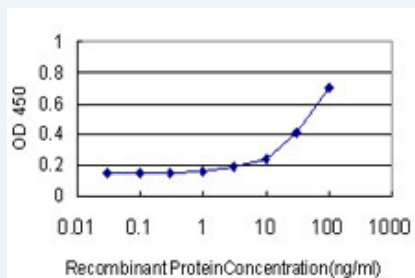


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to RUNX2 on U-2 OS cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged RUNX2 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [860](#)

GeneBank [NM_004348](#)

Accession#:

Protein [NP_004339](#)

Accession#:

Gene Name: RUNX2

Gene Alias: AML3,CBFA1,CCD,CCD1,MGC120022,MGC120023,OSF2,PEA2aA,PE

BP2A1,PEBP2A2,PEBP2aA,PEBP2aA1

Gene runt-related transcription factor 2

Description:

Omim ID: [119600](#), [600211](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is a member of the RUNX family of transcription factors and encodes a nuclear protein with an Runt DNA-binding domain. This protein is essential for osteoblastic differentiation and skeletal morphogenesis and acts as a scaffold for nucleic acids and regulatory factors involved in skeletal gene expression. The protein can bind DNA both as a monomer or, with more affinity, as a subunit of a heterodimeric complex. Mutations in this gene have been associated with the bone development disorder cleidocranial dysplasia (CCD). Transcript variants that encode different protein isoforms result from the use of alternate promoters as well as alternate splicing. [provided by RefSeq]

Other Designations: CBF-alpha 1,OTTHUMP00000016533,SL3-3 enhancer factor 1 alpha A subunit,SL3/AKV core-binding factor alpha A subunit,acute myeloid leukemia 3 protein,core-binding factor, runt domain, alpha subunit 1,osteoblast-specific transcription factor 2,polyomavirus e

Related Disease

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