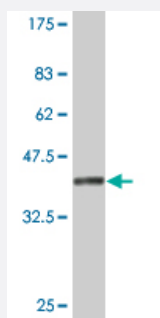


RUNX2 monoclonal antibody (M09), clone 1C10

Catalog # H00000860-M09

Size 100 ug

Applications



Western Blot detection against Immunogen (41.14 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RUNX2.
Immunogen	RUNX2 (NP_001019801.1, 311 a.a. ~ 450 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TSPSIHSTTPLSSTRGTGLPAITDVPRRISDDDTATSDFCLWPSTLSKKSQAGASELGPFSDPRQF PSISLTERFSNPRMHYPATFTYTPVTSGLMSATTHYHTLPPYPGSSQSQSGPFQTSST PYLYGTS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (41.14 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 (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RUNX2

Entrez GeneID	860
GeneBank Accession#	NM_001024630
Protein Accession#	NP_001019801.1
Gene Name	RUNX2
Gene Alias	AML3, CBFA1, CCD, CCD1, MGC120022, MGC120023, OSF2, PEA2aA, PEBP2A1, PEBP2A2, PEBP2aA, PEBP2aA1
Gene Description	runt-related transcription factor 2
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

Disease

- [Alzheimer disease](#)
- [Bone Diseases](#)

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cleidocranial Dysplasia](#)
- [Diabetes Complications](#)
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- [Tobacco Use Disorder](#)