

WHSC1 mouse monoclonal antibody (hybridoma)

Catalog # H00007468-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant WHSC1.
Immunogen	WHSC1 (NP_579889.1, 1 a.a. ~ 647 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEFSIKQSPLSVQSVVKCIKMKQAPEILGSANGKTPSCEVNRCSVFLSKAQLSSSLQEGVMQK FNGHDALPFI PADKLDLTSRVFN GEPGAHDAKLR FESQEMKGIGTPNTTPIKNGSPEIKLKITKT YMNGKPLFESSICGDSAADV SQSEENGQKPENKARRNRKRSIKYDSLLEQGLVEALVSKISSPS DKKIPAKKESCPNTGRDKDHLLKYNVGD LVWSKVSGYPWWPCMV SADPLLHSYTKLKGQKKS A RQYHVQFFGDAPERAWIFEKSLVAFEGEGQFEKLCQESAKQAPT KAEKIKLLKPISGKLRAQWE MGIVQAE EEAASMSVEERKAKFTFLYVG DQLHLNPQVAKEAGIAAESLGEMAESSGVSEEA AENP KSVREECIPMKRRRRRAKLCSSAETLESHPDIGKSTPQKTAEADPRRGVGSPPGRKKT TVSMPRS RKGDAA SQFLVFCQKHRDEVVAEHPDASGEEIEELLRSQWSLLSEKQRARYNTKFALVAPVQAE EDSGNVNGKKRNHTKRIQDPTEDAEAE DTPRKRLRTDKHSLRKRDTITDKTARTSSYKAMEA ASS LKSQAATKNLSDACKPLKKRNRASTAASSALGFSKSSSPSASLTENELLWEPTPVKLDLNPAAL YCT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (85)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — WHSC1

Entrez GeneID	7468
GeneBank Accession#	NM_133334.2
Protein Accession#	NP_579889.1
Gene Name	WHSC1
Gene Alias	FLJ23286, KIAA1090, MGC176638, MMSET, NSD2, REIIBP, TRX5, WHS
Gene Description	Wolf-Hirschhorn syndrome candidate 1
Omim ID	602952
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that contains four domains present in other developmental proteins: a PWWP domain, an HMG box, a SET domain, and a PHD-type zinc finger. It is expressed ubiquitously in early development. Wolf-Hirschhorn syndrome (WHS) is a malformation syndrome associated with a hemizygous deletion of the distal short arm of chromosome 4. This gene maps to the 165 kb WHS critical region and has also been involved in the chromosomal translocation t(4;14)(p16.3;q32.3) in multiple myelomas. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. Some transcript variants are nonsense-mediated mRNA (NMD) decay candidates, hence not represented as reference sequences. [provided by RefSeq]
Other Designations	IL5 promoter REI1 region-binding protein OTTHUMP00000149955 OTTHUMP00000159146 Wolf-Hirschhorn syndrome candidate 1 protein multiple myeloma SET domain containing protein type I trithorax/ash1-related protein 5

Pathway

- [Lysine degradation](#)

Disease

- [Cleft Lip](#)

- [Cleft Palate](#)
- [Kidney Failure](#)