

Datasheet

C19orf2 mouse monoclonal antibody (hybridoma)

Catalog Number: H00008725-M

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant C19orf2.

Immunogen: C19orf2 (NP_604431.1, 1 a.a. ~ 495 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MWRGCARSRRKKVDNDYNALRERLSTLPDKLSYNI
MVPFGPFAFMPGKLVHTNEVTLLGDNWFAKCSAKQ
AVGLVEHRKEHVRKTIDDLKKVMKNFESRVEFTEDLQ
KMSDAAGDIVDIREEIKCDFEFKAKHRIAHKPHSKPKTS
DIFEADIANDVKSDDLADKELWARLEELERQEELLGE
LDSKPDTVIANGEDTTSSEEEKEDRNTNVNAMHQVTD
SHTPCHKDVASSEPFSGQVNSQLNCSVNGSSSYHSD
DDDDDDDDDDDDNIDDDGDNDHEALGVGDNSIPTIY
FSHTVEPKRVRINTGKNTTLKFSEKKEEAKRKRKNSTG
SGHSAQELPTIRTPADIYRAFVDVNGEYVPRKSILKS
RSRENSVCSDTSESSAAEFDDRRGVLRISCEEATCS
DTSESILEEEEPQENQKLLPLSVTPEAFSGTVIEKEFVS
PSLTPPPAIAHPALPTIPERKEVLLEASEETGKRVSKFK
AARLQQKD

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Entrez GeneID: 8725

Gene Symbol: C19orf2

Gene Alias: FLJ10575, NNX3, RMP, URI

Gene Summary: The protein encoded by this gene

binds to RNA polymerase II subunit 5 (RPB5) and negatively modulates transcription through its binding to RPB5. The encoded protein seems to have inhibitory effects on various types of activated transcription, but it requires the RPB5-binding region. This protein acts as a corepressor. It is suggested that it may require signaling processes for its function or that it negatively modulates genes in the chromatin structure. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]