

Datasheet

TCN2 monoclonal antibody (M01), clone 2F4

Catalog Number: H00006948-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant TCN2.

Clone Name: 2F4

Immunogen: TCN2 (AAH11239, 1 a.a. ~ 400 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MRHLGAFLFLLGVLGALTEMCEIPEMDSHLVEKSGQH
LLPWMDRLSLEHLNPSIYVGLRLSSLQAGTKEDLYLHS
LKLGYQQCLLGSASFSEDDGDCQGKPSMGQLALYLLAL
RANWHDHKGHPHTSYYQYGLGILALCLHQKRVHDSV
VDKLLYAVEPFHQGHHSVDTAAMAGLAFTCLKRSNFN
PGRRQRITMAIRTVREEILKAQTPEGHFGNVYSTPLAL
QFLMTSPMRGAELGTACKARVALLASLQDGAFQNAL
MISQLLPVLNHKTYIDLIFPDCLAPRVMLEPAAETIPQT
QEISVTLQVLSLLPPYRQSISVLAGSTVEDVLKKAHEL
GGFTYETQASLSGPYLTSVMGKAAGEREFWQLLRDP
NTPLLQGIADYRPKDGETIELRLVSW

Host: Mouse

Reactivity: Human

Applications: ELISA, S-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

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 6948

Gene Symbol: TCN2

Gene Alias: D22S676, D22S750, TC2

Gene Summary: This gene encodes a member of the vitamin B12-binding protein family. This family of proteins, alternatively referred to as R binders, is expressed in various tissues and secretions. This plasma protein binds cobalamin and mediates the transport of cobalamin into cells. This protein and other mammalian cobalamin-binding proteins, such as transcobalamin I and gastric intrinsic factor, may have evolved by duplication of a common ancestral gene. [provided by RefSeq]