

Datasheet

KITLG monoclonal antibody (M02), clone 3C7

Catalog Number: H00004254-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant KITLG.

Clone Name: 3C7

Immunogen: KITLG (NP_003985, 26 a.a. ~ 245 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

EGICRNRVTNNVKDVTCLVANLPKDYMITLKYVPGMDV
LPSHCWISSEMVVQLSDSLDLDKFSNISEGLSNYSIID
KLVNIVDDLVECVKENSSKDLKKSFKSPEPRLFTPEEF
FRIFNRSIDAFKDFVVASETSDCVVSSTLSPEKGKAKN
PPGDSSLHWAAMALPALFSLIGFAFGALYWKKRQPSL
TRAVENIQINEEDNEISMLQEKEREFQEV

Host: Mouse

Reactivity: Human

Applications: ELISA

(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: 4254

Gene Symbol: KITLG

Gene Alias: DKFZp686F2250, KL-1, Kitl, MGF, SCF, SF, SHEP7

Gene Summary: This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]