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Datasheet

EPHB3 monoclonal antibody (M04), clone 2G8

Catalog Number: H00002049-M04

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant EPHB3.

Clone Name: 2G8

Immunogen: EPHB3 (NP_004434, 899 a.a. ~ 997 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
AASLKVIASAQSGMSQPLLDRTVPDYTTFTTVGDWLD
AIKMGRYKESFVSAGFASFDLVAQMTAEDLLRIGVTLA
GHQKKILSSIQDMRLQMNQTLPVQ

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA, WB-Ce, WB-Re (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: 2049

Gene Symbol: EPHB3

Gene Alias: ETK2, HEK2, TYRO6

Gene Summary: Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The protein encoded by this gene is a receptor for ephrin-B family members. [provided by RefSeq]