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Datasheet

CD99 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00004267-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human CD99 protein.

Immunogen: CD99 (NP_002405.1, 1 a.a. ~ 185 a.a) full-length human protein.

Sequence:
MARGAALALLLFGLLGVLVAAPDGGFDLSDALPDNEN
KKPTAIPKKPSAGDDFDLGDAVVDGENDDPRPPNPPK
PMPNPNPNHPSSSGSFSDADLADGVSGGEGKGGSD
GGGSHRKEGEEADAPGVIPGIVGAVVVAVAGAISSFIA
YQKKKLCFKENAEQGEVDMESHRNANAEPAVQRTLL
EK

Host: Mouse

Reactivity: Human

Applications: WB-Ti, 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

Storage Buffer: No additive

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

Entrez GeneID: 4267

Gene Symbol: CD99

Gene Alias: MIC2, MIC2X, MIC2Y

Gene Summary: The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. Cyclophilin A binds to CD99 and may act as a signaling regulator of CD99. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]