Datasheet

CD1A purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00000909-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human CD1A protein.

Immunogen: CD1A (ABM85452.1, 1 a.a. ~ 311 a.a) full-length human protein.

Sequence:

MWNWLKEPLSFHVIWIASFYNHSWKQNLVSGWLSDL
QTHTWDSNSSTIVFLWPWSRGNFSNEEWKELETLFRI
RTIRSFEGIRRYAHELQFEYPFEIQVTGGCELHSGKVS
GSFLQLAYQGSDFVSFQNNSWLPYPVAGNMAKHFCK
VLNQNQHENDITHNLLSDTCPRFILGLLDAGKAHLQRQ
VKPEAWLSHGPSPGPGHLQLVCHVSGFYPKPVWVM
WMRGEQEQQGTQRGDILPSADGTWYLRATLEVAAGE
AADLSCRVKHSSLEGQDIVLYWEHHSSVGFIILAVIVPL
LLLIGLALWFRKRCFC

Host: Mouse

Reactivity: Human

Applications: Det Ab, 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: In 1x PBS, pH 7.4

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

Entrez GeneID: 909

Gene Symbol: CD1A

Gene Alias: CD1, FCB6, HTA1, R4, T6

Gene Summary: This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to the plasma membrane and to recycling vesicles of the early endocytic system. Alternatively spliced transcript variants have been observed, but their biological validity has not been determined. [provided by RefSeq]