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# Datasheet

## CD109 purified MaxPab rabbit polyclonal antibody (D01P)

**Catalog Number:** H00135228-D01P

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human CD109 protein.

**Immunogen:** CD109 (AAI52997.1, 1 a.a. ~ 1445 a.a) full-length human protein.

**Sequence:**
MQGPPLLTAAHLLCVCTAALAVAPGPRFLVTAPGIIRP
GGNVTIGVELLEHCPSQVTVKAELLKTASNLTVSVLEA
EGVFEKGSFKTLTLPSLPLNSADEIYELRVTGRTQDEIL
FSNSTRLSFETKRISVFIQTDKALYKPKQEVKFRIVTLFS
DFKPYKTSLNILIKDPKSNLIQQWLSQQSDLGVISKTFQ
LSSHPILGDWSIQVQVNDQTYYQSFQVSEYVLPKFEVT
LQTPLYCSMNSKHLNGTITAKYTYGKPVKGDVTLTFLP
LSFWGKKKNITKTFKINGSANFSFNDEEMKNVMDSSN
GLSEYLDLSSPGPVEILTTVTESVTGISRNVSTNVFFKQ
HDYIIEFFDYTTVLKPSLNFTATVKVTRADGNQLTLEER
RNNVVITVTQRNYTEYWSGSNSGNQKMEAVQKINYTV
PQSGTFKIEFPILEDSSELQLKAYFLGSKSSMAVHSLFK
SPSKTYIQLKTRDENIKVGSPFELVVSGNKRLKELSYM
VVSRGQLVAVGKQNSTMFSLTPENSWTPKACVIVYYI
EDDGEIISDVLKIPVQLVFKNKIKLYWSKVKAEPSEKVS
LRISVTQPDSIVGIVAVDKSVNLMNASNDITMENVVHEL
ELYNTGYYLGMFMNSFAVFQECGLWVLTDANLTKDYI
DGVYDNAEYAERFMEENEGHIVDIHDFSLGSSPHVRK
HFPETWIWLDTNMGYRIYQEFEVTVPDSITSWVATGF
VISEDLGLGLTTTPVELQAFQPFFIFLNLPYSVIRGEEFA
LEITIFNYLKDATEVKVIIEKSDKFDILMTSNEINATGHQ
QTLLVPSEDGATVLFPIRPTHLGEIPITVTALSPTASDAV
TQMILVKAEGIEKSYSQSILLDLTDNRLQSTLKTLSFSF
PPNTVTGSERVQITAIGDVLGPSINGLASLIRMPYGCG
EQNMINFAPNIYILDYLTKKKQLTDNLKEKALSFMRQG
YQRELLYQREDGSFSAFGNYDPSGSTWLSAFVLRCFL
EADPYIDIDQNVLHRTYTWLKGHQKSNGEFWDPGRVI
HSELQGGNKSPVTLTAYIVTSLLGYRKYQPNIDVQESI
HFLESEFSRGISDNYTLALITYALSSVGSPKAKEALNML
TWRAEQEGGMQFWVSSESKLSDSWQPRSLDIEVAAY
ALLSHFLQFQTSEGIPIMRWLSRQRNSLGGFASTQDTT
VALKALSEFAALMNTERTNIQVTVTGPSSPSPVKFLIDT
HNRLLLQTAELAVVQPTAVNISANGFGFAICQLNVVYN
VKASGSSRRRRSIQNQEAFDLDVAVKENKDDLNHVDL
NVCTSFSGPGRSGMALMEVNLLSGFMVPSEAISLSET
VKKVEYDHGKLNLYLDSVNETQFCVNIPAVRNFKVSNT
QDASVSIVDYYEPRRQAVRSYNSEVKLSSCDLCSDVQ
GCRPCEDGASGSHHHSSVIFIFCFKLLYFMELWL

**Host:** Rabbit

**Reactivity:** Human

**Applications:** 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:** 135228

**Gene Symbol:** CD109

**Gene Alias:** CPAMD7, DKFZp762L1111, FLJ38569, FLJ41966, RP11-525G3.1

**Gene Summary:** This gene encodes a member of the alpha2-macroglobulin/complement superfamily. The encoded GPI-linked glycoprotein is found on the cell surface of platelets, activated T-cells, and endothelial cells. The protein binds to and negatively regulates signaling of transforming growth factor beta (TGF-beta). Multiple transcript variants encoding different isoforms have been found for this gene]