

Datasheet

HLA-E purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00003133-B01P

Regulatory Status: For research use only (RUO)

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

Immunogen: HLA-E (AAH02578.1, 1 a.a. ~ 358 a.a) full-length human protein.

Sequence:

MVDGTL L L L L L L S E A L A L T Q T W A G S H S L K Y F H T S V S R P G
R G E P R F I S V G Y V D D T Q F V R F D N D A A S P R M V P R A P W M
E Q E G S E Y W D R E T R S A R D T A Q I F R V N L R T L R G Y Y N Q S
E A G S H T L Q W M H G C E L G P D R R F L R G Y E Q F A Y D G K D Y L
T L N E D L R S W T A V D T A A Q I S E Q K S N D A S E A E H Q R A Y L E
D T C V E W L H K Y L E K G K E T L L H L E P P K T H V T H H P I S D H E A
T L R C W A L G F Y P A E I T L W Q Q D G E G H T Q D T E L V E T R P A
G D G T F Q K W A A V V V P S G E E Q R Y T C H V Q H E G L P E P V T L
R W K P A S Q P T I P I V G I I A G L V L L G S V V S G A V V A A V I W R K K
S S G G K G G S Y S K A E W S D S A Q G S E S H S L

Host: Mouse

Reactivity: Human

Applications: Flow Cyt, 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: In 1x PBS, pH 7.4

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

Entrez GeneID: 3133

Gene Symbol: HLA-E

Gene Alias: DKFZp686P19218, EA1.2, EA2.1, HLA-6.2, MHC, QA1

Gene Summary: HLA-E belongs to the HLA class I

heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. HLA-E binds a restricted subset of peptides derived from the leader peptides of other class I molecules. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. [provided by RefSeq]