

Anti-PD-1H [mam82] Bulk Size Ab01017-1.69-BT

This is bispecific mouse IgG1-D265A featuring a C-terminal anti-PDL1 VHH fusion.

This is a bispecific anti-mouse antibody created by fusing anti-PDL-1 VHH domains to the C-terminus of the heavy chains) of the anti-mouse PD-1H (VISTA) antibody clone mam82 in a mouse IgG1 D265 format. The mouse IgG1 D265 a format is an Fc-silenced format, preventing ADCC and CDC.

Isotype and Format: Mouse Bispecific, anti-mPD-L1, Bispecific antibody, Kappa

Clone Number: mam82

Alternative Name(s) of Target: VISTA; VISR; B7-H5; B7H5; GI24; PP2135; SISP1; DD1alpha; C10orf54; chromosome 10 open reading frame 54; V-set immunoregulatory receptor

UniProt Accession Number of Target Protein: Q9D659

Published Application(s): Block, ELISA, IHC

Published Species Reactivity: Mouse

Immunogen: The antibody was generated by immunising a PD-1H-KO mouse with mouse PD-1H Ig fusion protein and adjuvant.

Specificity: This antibody specifically binds PD-1H.

Application Notes: This antibody has been characterised by ELISA and by staining of PD-1H-transfected P815 mastocytoma. No background staining of WT or PD-1H-KO T cells was observed. This antibody inhibits WT OT-II T cell proliferation at high OVA peptide concentrations (Flies D et al, 2014).

Antibody First Published in: Flies D et al. Coinhibitory receptor PD-1H preferentially suppresses CD4+ T cell-mediated immunity J Clin Invest. 2014 May 1; 124(5): 1966-1975. [PMID:24743150](#)

Note on publication: Describes the generation of the antibody and its use to validate a coinhibitory function of PD-1H.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer

storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.