

Product datasheet for **TA386190**

Vsiv Monoclonal Antibody [Clone ID: MH5A]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MH5A
Applications:	BI, ELISA, IHC
Reactivity:	Mouse
Clonality:	Monoclonal
Immunogen:	The antibody was generated by immunising Armenian hamsters with mPD-1Hlg.
Specificity:	This antibody specifically binds PD-1H.

The antibody has been labelled with biotin and used to stain formalin-fixed tissues from wild-type C57BL/6 mice at 6 weeks of age. This showed specific staining for PD-1H in the T cell zone and marginal zone. The antibody stains P815 cells transfected with full-length PD-1H plasmid, but not control plasmid. Antibody specificity has been confirmed by ELISA. A single 200- μ g dose of MH5A prevented aGVHD in mouse models, caused a reduction in accumulation and expansion of CD8+ and CD4+ T cells in spleens and livers and greatly reduced numbers of infiltrating T cells in all aGVHD target tissues examined. Few mAbs targeting a single cosignalling molecule have such a potent preventative effect (Flies D et al, 2011).

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	V-set immunoregulatory receptor
Database Link:	Entrez Gene 74048 Mouse Q9D659



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