

Product datasheet for **TA386326**

Vsir Monoclonal Antibody [Clone ID: 13F3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	13F3
Applications:	BI, ELISA, FC
Reactivity:	Mouse
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunising Armenian hamsters with EL4 cells overexpressing VISTA-RFP, and VISTA-Ig fusion protein.
Specificity:	This antibody is specific for murine VISTA.

The specificity of this antibody has been confirmed in both ELISA and flow cytometry (Wang et al, 2011). This antibody has been used in flow cytometric analysis to assess VISTA expression in murine lupus models (Ceeraz et al, 2017; Sergent et al, 2018) and mice infected with HSV-1 (Srivastava et al, 2018). This antibody has been shown to block VISTA, and enhances T cell proliferation in vitro (Wang et al, 2011). In mice models, this antibody exacerbates experimental autoimmune encephalomyelitis (Wang et al, 2011) and murine arthritis and lupus disease progression (Sergent et al, 2018). The use of this antibody to achieve a VISTA blockade enhances anti-tumour immune responses in mice models of both transplantable and inducible melanoma, suppressing tumour growth (LeMercier et al, 2014).

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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