

## Product datasheet for **TA386362**

### CD1 (CD1A) Mouse Monoclonal Antibody [Clone ID: CBT6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CBT6
Applications:	ELISA, FC, IHC, IP
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunizing mice with the human CD1a protein.
Specificity:	The antibody is specific for the human CD1a protein.

The antibody can be used to inhibit Sag-induced proliferation of MHC class II thymocytes (Gregory. et al, 2000). It can increase intracellular calcium concentration in MHC class II thymocytes if used together with rabbit anti-mouse antibodies (Gregory. et al, 2000). This antibody is shown to be useful in flow cytometry (Gregory. et al, 2000). Immunofluorescence is a method for which this antibody can also be used (Brocks. et al, 2017). The antibody can be utilized in immunohistochemistry to separate human cells from cells of other animals (Goan. et al, 2000). The antibody is also recommended for use in ELISA and immunoprecipitation.

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:	CD1a molecule
Database Link:	<a href="#">Entrez Gene 909 Human P06126</a>
Synonyms:	CD1; FCB6; HTA1; R4; T6



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