



Anti-Sheep CD1 monoclonal antibody, clone VPM5 (CABT-45026MS)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Sheep CD1 antibody, clone VMPM5 recognizes sheep CD1, principally expressed on thymocytes and demal dendritic cells, also on B cells and monocytes. CD1 is involved in binding to non-self lipids and glycolipids for presentation to T-cell receptors on NKT cells. CD1 is a 333 amino acid ~37kDa single pass type I transmembrane glycoprotein containing a single Ig-like domain.
Specificity	CD1
Immunogen	Sheep Afferent lymph.
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Sheep, Bovine, Goat
Clone	VPM5
Conjugate	Unconjugated
Applications	IHC-Fr; FC
Format	Tissue Culture Supernatant - liquid
Size	2 ml
Preservative	0.09% Sodium Azide
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CD1 CD1 protein [Ovis aries (sheep)]
Official Symbol	CD1
Synonyms	CD1; T-cell surface glycoprotein CD1b-1; sCD1A-25;
Entrez Gene ID	100144425
Protein Refseq	NP_001116474
UniProt ID	Q28565
Chromosome Location	chromosome: 1
Pathway	Hematopoietic cell lineage;