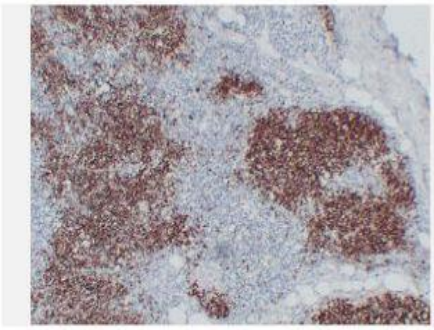
PRODUCT DATA SHEET

CD1a (PT0024) mouse mAb

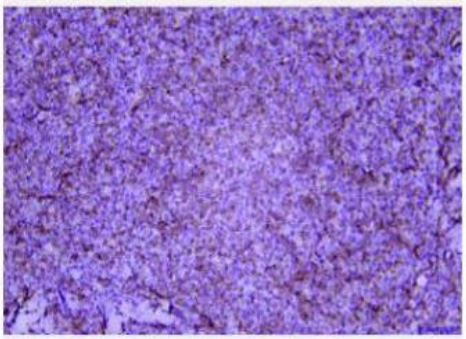
Catalog No.	IML0005
Reactivity	Human; Mouse
Applications	IHC-p
Gene Name	CD1A
Protein Name	T-cell surface glycoprotein CD1a (T-cell surface antigen T6:Leu-6) (hTa1 thymocyte antigen) (CD antigen CD1a)
Human Gene Id	909
Swiss-Prot	P06126
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse:IgG2b, Kappa
Dilution	IHC-p: 1:100-200
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	0.5mg:mL
Storage&Stability	-20°C:1 year
Background	This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to the plasma membrane and to recycling vesicles of the early endocytic system. Alternative splicing results in multiple transcript variants.
Subcellular Location	Membranous
BiowMW	-

Products Images:

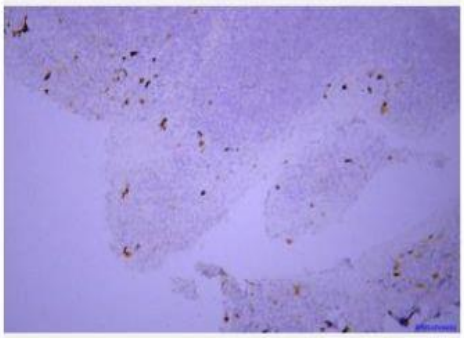


Immunohistochemical analysis of paraffin-embedded Thymus. 1, Antibody was diluted at 1:200(4° overnight). 2, Citrate buffer of pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

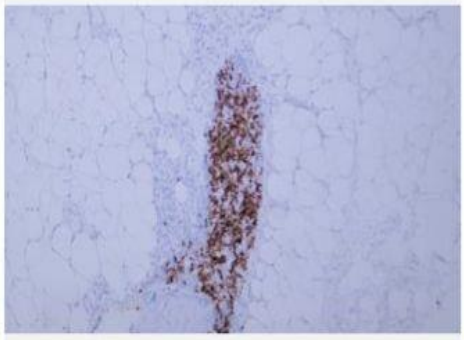
PRODUCT DATA SHEET



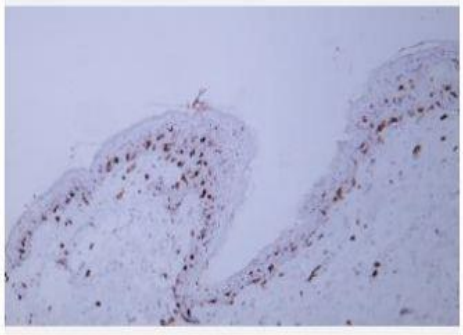
Immunohistochemical analysis of paraffin-embedded human thymoma Antibody was diluted at 1:200(4° overnight).



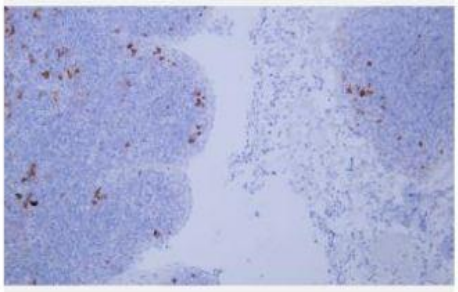
Immunohistochemical analysis of paraffin-embedded human tonsil Antibody was diluted at 1:200(4° overnight).



Human thymus tissue was stained with anti-CD1a(ABT140) antibody.



Human skin tissue was stained with anti-CD1a(ABT140) antibody.



Human tonsil tissue was stained with anti-CD1a(ABT140) antibody.