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Datasheet for ABIN6288761

**anti-Kyphoscoliosis Peptidase antibody**

## Overview

Quantity:	50 µL
Target:	Kyphoscoliosis Peptidase (KY)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Kyphoscoliosis Peptidase antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	CD1 is a protein encoded by the CD1A gene which is approximately 37 kDa. CD1 is localised to the cell membrane. It is involved in hematopoietic cell lineage, dendritic cells developmental lineage pathway and the innate immune system. This protein falls under the CD1 family of transmembrane glycoproteins which form heterodimers with beta-2-microglobulin. CD1 mediates the presentation of primarily lipid and glycolipid antigens to T-cells. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. CD1 is expressed in the blood, skin, heart and lymph nodes. Mutations in the CD1A gene may result in myofibroma. STJ96970 was developed from clone 9H6 and was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. This primary antibody detects endogenous CD1 proteins.
Immunogen:	Synthetic Peptide
Clone:	9H6
Isotype:	IgG1

## Product Details

Specificity:	The antibody detects endogenous CD1 proteins.
Characteristics:	Mouse monoclonal to CD1.
Purification:	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

## Target Details

Target:	Kyphoscoliosis Peptidase (KY)
Alternative Name:	CD1 ( <a href="#">KY Products</a> )
Gene ID:	909
UniProt:	<a href="#">P06126</a>
Pathways:	<a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

Application Notes:	IHC 1:200
Comment:	Expressed on cortical thymocytes, epidermal Langerhans cells, dendritic cells, on certain T-cell leukemias, and in various other tissues.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.