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anti-CHID1 antibody





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Quantity:	100 μg		
Target:	CHID1		
Reactivity:	Human		
Host:	Rat		
Clonality:	Monoclonal		
Conjugate:	This CHID1 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunofluorescence (IF)		
Product Details			
Clone:	1C11		
Sterility:	0.2 μm filtered		
Target Details			
Target:	CHID1		
Alternative Name:	Stabilin-1 Interacting Chitinase-Like Protein (CHID1 Products)		
Background:	The monoclonal antibody 1C11 recognizes human stabilin-1 interacting chitinase-like protein (SI-CLP). SI-CLP is a 39 kD member of the family of Glyco_18-domain-containing proteins. These chitinase-like proteins are involved primarily in Th2-associated disorders and tumor progression. Chitinase-like proteins are soluble mediators of cell differentiation, proliferation, activation, migration, and adherence. Chitinase like protein SI-CLP is a stabilin-1 interacting partner. SI-CLP gene expression was up- regulated by IL-4 and dexamethasone on the mRNA		

and protein levels in primary human macrophages in parallel with the expression of stabilin-1. The major site of SI-CLP intracellular localization is in Lamp1-positive and secretion commited CD63+ secretory lysosomes. The endocytic/sorting receptor stabilin-1 is a highly specific intracellular sorting receptor for SI-CLP. SI-CLP directly binds to, and colocalizes with stabilin-1. The lysosomal localization of SI-CLP in stabilin-1-negative macrophages, however, indicates that stabilin-1 may not be the only receptor mediating trafficking of newly synthesized SI-CLP. In vivo, the monoclonal antibody 1C11 recognizes SI-CLP in the cellular fraction of bronchoalveolar lavage specimens obtained from patients with chronic inflammatory disorders of the respiratory tract and in peripheral-blood leukocytes (PBLs) from these patients as well as healthy donors. Immunogen Amino acids 24 to 73 fragment GST-fusion protein Rat IgG2a

Application Details

Application Notes:	The typical starting working dilution is 1:50. Product should be stored at 4 °C. Under			
	recommended storage conditions, product is stable for one			
Restrictions:	For Research Use only			
Handling				
Buffer:	PBS, containing 0.1 % bovine serum albumin 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:	4 °C			
Storage Comment:	Product should be stored at 4 °C. Under recommended storage conditions, product is stable for			
	one year.			
Expiry Date:	12 months			
Publications				
Product cited in:	Veerkamp, van Moerkerk, Prinsen, van Kuppevelt: "Structural and functional studies on different			
	human FABP types." in: Molecular and cellular biochemistry , Vol. 192, Issue 1-2, pp. 137-42, (

1999) (PubMed).