

Datasheet for ABIN2192225
anti-CHID1 antibody



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1 Publication

Overview

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

Target Details

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 committed 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: Kzhyshkowska, Mamidi, Gratchev, Kremmer, Schmuttermaier, Krusell, Haus, Utikal, Schledzewski, Scholtze, Goerd: "Novel stabilin-1 interacting chitinase-like protein (SI-CLP) is up-regulated in alternatively activated macrophages and secreted via lysosomal pathway." in: **Blood**, Vol. 107, Issue 8, pp. 3221-8, (2006) ([PubMed](#)).