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Datasheet for ABIN7170988
anti-ST5 antibody (AA 3-280) (Biotin)

Overview

Quantity:	100 µL
Target:	ST5
Binding Specificity:	AA 3-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST5 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Suppression of tumorigenicity 5 protein (3-280AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ST5
Alternative Name:	ST5 (ST5 Products)
Background:	Background: Guanine nucleotide exchange factor (GEF) which may activate RAB9A and RAB9B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their

Target Details

active GTP-bound form. May be involved in cytoskeletal organization and tumorigenicity. Isoform 1 seems to be involved in a signaling transduction pathway leading to activation of MAPK1/ERK2. Isoform 3 may block ERK2 activation stimulated by ABL1. Isoform 3 may alter cell morphology and cell growth.

Aliases: DENND2B antibody, DENN domain containing protein 2B antibody, DENN domain-containing protein 2B antibody, DENN/MADD domain containing 2B antibody, HeLa tumor suppression 1 antibody, HTS1 antibody, p126 antibody, ST 5 antibody, ST5 antibody, ST5_HUMAN antibody, Suppression of tumorigenicity 5 antibody, Suppression of tumorigenicity 5 protein antibody

UniProt: [P78524](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.