

Anti-Human/Mouse ST5 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05921

3th Edition

Description: This gene was identified by its ability to suppress the tumorigenicity of HeLa cells in nude mice. The protein encoded by this gene contains a C-terminal region that shares similarity with the Rab 3 family of small GTP binding proteins. This protein preferentially binds to the SH3 domain of c-Abl kinase, and acts as a regulator of MAPK1/ERK2 kinase, which may contribute to its ability to reduce the tumorigenic phenotype in cells. Three alternatively spliced transcript variants of this gene encoding distinct isoforms are identified. ST5 (Suppression Of Tumorigenicity 5) is a Protein Coding gene. Diseases associated with ST5 include Miller Fisher Syndrome and Opportunistic Mycosis. Among its related pathways are Vesicle-mediated transport and RAB GEFs exchange GTP for GDP on RABs. GO annotations related to this gene include Rab guanyl-nucleotide exchange factor activity. An important paralog of this gene is DENND2A.

Antigen: Synthesized peptide derived from the Internal region of human ST5

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: