

ST5 rabbit monoclonal antibody

Catalog # H00006764-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ST5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ST5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ST5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ST5

Entrez GeneID [6764](#)

GeneBank Accession# [ST5](#)

Gene Name ST5

Gene Alias DENND2B, HTS1, MGC33090, p126

Gene Description suppression of tumorigenicity 5

Omim ID [140750](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations DENN/MADD domain containing 2B

Disease

- [Tobacco Use Disorder](#)