ASNS rabbit monoclonal antibody

Catalog # H00000440-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ASNS peptide using ARM Technology.
Immunogen	A synthetic peptide of human ASNS 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 ASNS peptide by ELISA and mammalian transfected lysate by We stern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — ASNS

Entrez GeneID	440
GeneBank Accession#	ASNS
Gene Name	ASNS
Gene Alias	TS11
Gene Description	asparagine synthetase
Omim ID	108370
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. There are three alternatively spliced transcript variants encoding the same protein described for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000024510|TS11 cell cycle control protein|glutamine-dependent asparagine synthetase

Pathway

- Alanine
- Metabolic pathways
- Nitrogen metabolism