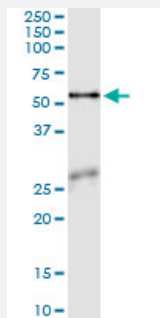


# ASNS monoclonal antibody (M02), clone 2B3

Catalog # H00000440-M02

Size 100 ug

## Applications



### Immunoprecipitation

Immunoprecipitation of ASNS transfected lysate using anti-ASNS monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ASNS MaxPab rabbit polyclonal antibody.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant ASNS.
<b>Immunogen</b>	ASNS (AAH14621, 281 a.a. ~ 380 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	YPLQTF AIGMEDSPDLLAARKVADHIGSEHYEVLFNSEEGIQALDEVIFSLETYDITTVRASVGMYLISKYIRKNTDSVVIFSGEGSDEL TQGYIFHKA
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Immunoprecipitation

Immunoprecipitation of ASNS transfected lysate using anti-ASNS monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ASNS MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

## Gene Info — ASNS

Entrez GeneID [440](#)

GeneBank Accession# [BC014621](#)

Protein Accession# [AAH14621](#)

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](#)