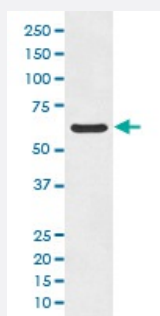


# ASNS monoclonal antibody, clone FGH-1

Catalog # MAB19581      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of K562 cell lysate with ASNS monoclonal antibody.

## Specification

**Product Description** Rabbit monoclonal antibody raised against synthetic peptide of human ASNS.

**Immunogen** A synthetic peptide corresponding to human ASNS.

**Host** Rabbit

**Reactivity** Human, Mouse, Rat

**Form** Liquid

**Purification** Affinity purification

**Isotype** IgG

**Recommend Usage**

- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Western Blot (1:1000-1:2000)
- The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage Instruction**

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of K562 cell lysate with ASNS monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence

## Gene Info — ASNS

**Entrez GeneID**[440](#)**Protein Accession#**[P08243](#)**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](#)