



ASNS mouse mAb

Catalog No	BYmab-07970
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	ASNS TS11
Protein Name	ASNS
Immunogen	Synthesized peptide derived from human ASNS AA range: 390-440
Specificity	This antibody detects endogenous levels of ASNS at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.84% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Asparagine synthetase [glutamine-hydrolyzing] (EC 6.3.5.4) (Cell cycle control protein TS11) (Glutamine-dependent asparagine synthetase)
Observed Band	60kD
Cell Pathway	cytosol,
Tissue Specificity	Muscle,
Function	catalytic activity:ATP + L-aspartate + L-glutamine + H(2)O = AMP + diphosphate + L-asparagine + L-glutamate.,pathway:Amino-acid biosynthesis; L-asparagine biosynthesis; L-asparagine from L-aspartate (L-glutamine route): step 1/1.,similarity:Contains 1 asparagine synthetase domain.,similarity:Contains 1 glutamine amidotransferase type-2 domain.,
Background	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. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, May 2010],

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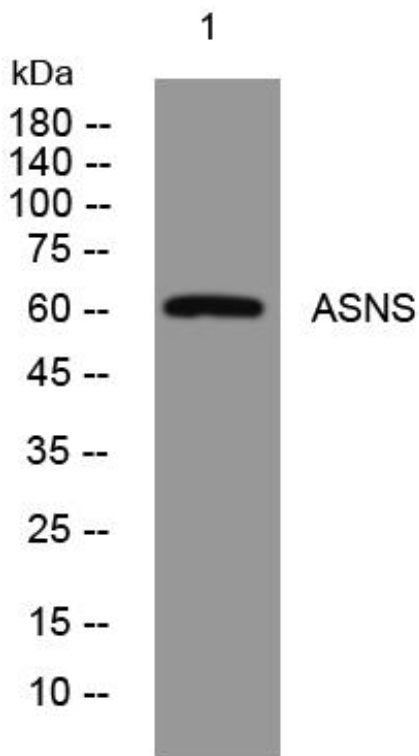
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ASNS mouse mAb

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