


Product datasheet

Anti-Asparagine synthetase antibody [EP282Y] α b40850

Recombinant RabMAb

★ ★ ★ ★ ★ [1 Abreviews](#) [6 References](#) [2 Images](#)

Overview

Product name	Anti-Asparagine synthetase antibody [EP282Y]
Description	Rabbit monoclonal [EP282Y] to Asparagine synthetase
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human Asparagine synthetase aa 500-600 (C terminal). The exact sequence is proprietary.
Positive control	K562 cell lysate, human breast carcinoma tissue and human muscle tissue.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal

Clone number EP282Y

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab40850 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★☆☆☆☆ (1)	1/1000 - 1/2000. Detects a band of approximately 60 kDa (predicted molecular weight: 61 kDa).

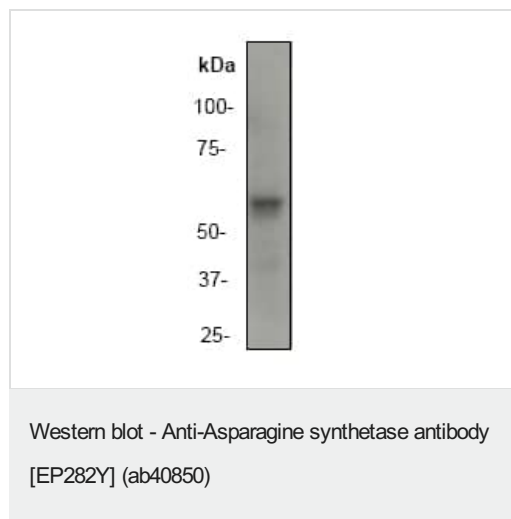
Application notes Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

Target

Pathway Amino-acid biosynthesis; L-asparagine biosynthesis; L-asparagine from L-aspartate (L-Gln route): step 1/1.

Sequence similarities Contains 1 asparagine synthetase domain.
Contains 1 glutamine amidotransferase type-2 domain.

Images



Anti-Asparagine synthetase antibody [EP282Y] (ab40850) at 1/2000 dilution + K562 cell lysate at 10 µg

Predicted band size: 61 kDa

Observed band size: 60 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Asparagine synthetase antibody [EP282Y]
(ab40850)

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