

Product datasheet

Anti-Isoleucyl tRNA synthetase antibody [EPR10266(B)] ab151557

Recombinant RabMAb

3 Images

Overview

Product name	Anti-Isoleucyl tRNA synthetase antibody [EPR10266(B)]
Description	Rabbit monoclonal [EPR10266(B)] to Isoleucyl tRNA synthetase
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human Isoleucyl tRNA synthetase aa 1-100 (N terminal). The exact sequence is proprietary.
Positive control	HeLa, Ramos, Jurkat and HepG2 cell lysates; HeLa cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant</p>
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR10266(B)

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab151557 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		1/1000 - 1/10000. Predicted molecular weight: 145 kDa.
ICC/IF		1/100 - 1/250.

Target

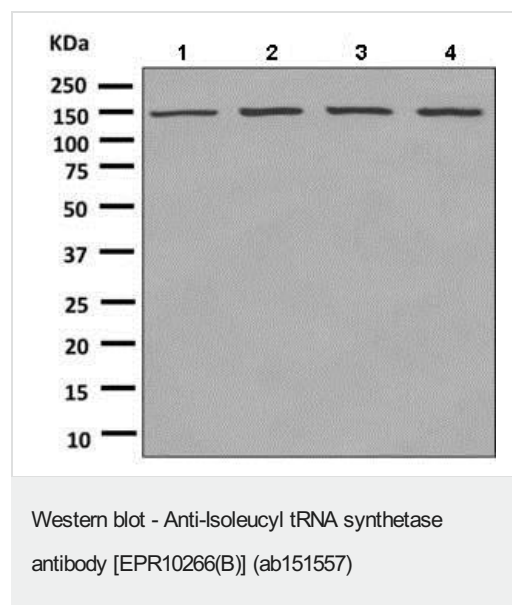
Relevance

Isoleucyl tRNA synthetase is a component of multi ARS complex and catalyzes the ligation of isoleucine with isoleucyl tRNA.

Cellular localization

Cytoplasmic

Images



All lanes : Anti-Isoleucyl tRNA synthetase antibody [EPR10266(B)] (ab151557)

Lane 1 : HeLa cell lysate

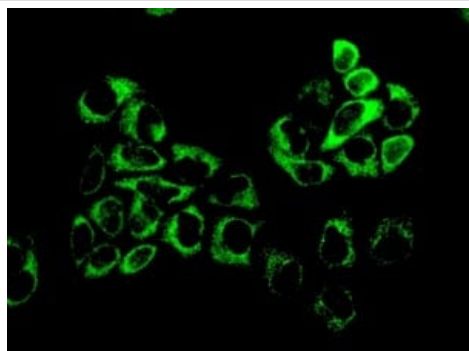
Lane 2 : Ramos cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 145 kDa



Immunofluorescent analysis of HeLa cells labeling Isoleucyl tRNA synthetase with ab151557 at 1/1000 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-Isoleucyl tRNA synthetase antibody [EPR10266(B)] (ab151557)

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-Isoleucyl tRNA synthetase antibody [EPR10266(B)] (ab151557)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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