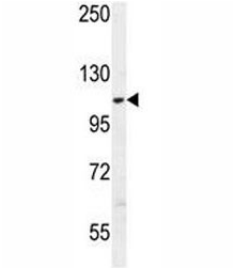
AARS2 Antibody (F40154)

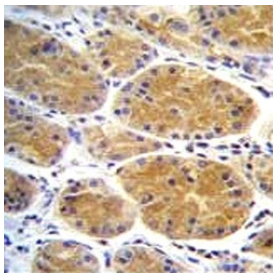
Catalog No.	Formulation	Size
F40154-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40154-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

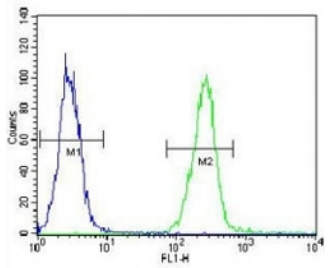
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q5JTZ9
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This AARS2 antibody is available for research use only.



AARS2 antibody western blot analysis in K562 lysate



AARS2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue.



AARS2 antibody flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

Alanyl-tRNA synthetase 2 (AARS2) is an enzyme that catalyzes the chemical reaction: ATP + L-alanine + tRNAAla <---> AMP + diphosphate + L-alanyl-tRNAAla. This enzyme participates in alanine and aspartate metabolism and aminoacyl-tRNA biosynthesis.

Application Notes

Titration of the AARS2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 366-394 from the human protein was used as the immunogen for this AARS2 antibody.

Storage

Aliquot the AARS2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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