

ARG45899 anti-IMMP2L antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IMMP2L
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IMMP2L
Species	Human
Immunogen	Recombinant protein containing to human IMMP2L.
Conjugation	Un-conjugated
Alternate Names	Inner Mitochondrial Membrane Peptidase Subunit 2; IMMP2L; Mitochondrial inner membrane protease subunit 2; EC 3.4.21.-; IMP2-like protein

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	23 kDa	

Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -22°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

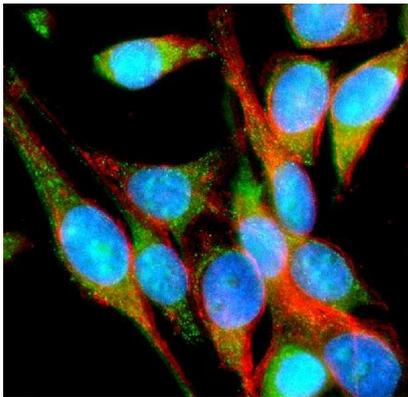
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

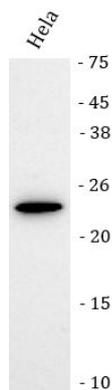
Gene Symbol	IMMP2L
Gene Full Name	Inner Mitochondrial Membrane Peptidase Subunit 2
Background	This gene encodes a protein involved in processing the signal peptide sequences used to direct mitochondrial proteins to the mitochondria. The encoded protein resides in the mitochondria and is one of the necessary proteins for the catalytic activity of the mitochondrial inner membrane peptidase (IMP) complex. Two variants that encode the same protein have been described for this gene. [provided by RefSeq, Sep 2011]
Function	Catalyzes the removal of transit peptides required for the targeting of proteins from the mitochondrial matrix, across the inner membrane, into the inter-membrane space. Known to process the nuclear encoded protein DIABLO. [UniProt]
Calculated Mw	20 kDa
Cellular Localization	Membrane; Mitochondrion; Mitochondrion inner membrane. [UniProt]

Images



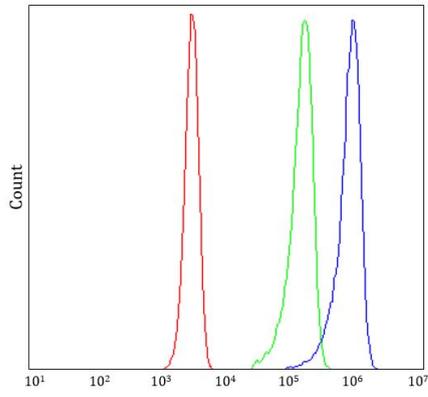
ARG45899 anti-IMMP2L antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45899 anti-IMMP2L antibody at 5 µg/ml dilution.



ARG45899 anti-IMMP2L antibody WB image

Western blot: HeLa stained with ARG45899 anti-IMMP2L antibody at 0.5 µg/ml dilution.



ARG45899 anti-IMMP2L antibody FACS image

Flow Cytometry: Jurkat stained with ARG45899 anti-IMMP2L antibody at $1 \mu\text{g}/10^6$ cells dilution.