ARG45392
anti-C19orf52 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes C19orf52
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	C19orf52
Species	Human
Immunogen	Recombinant protein containing to human C19orf52.
Conjugation	Un-conjugated
Alternate Names	TIMM29; Translocase Of Inner Mitochondrial Membrane 29; TIM29; C19orf52; Mitochondrial Import Inner Membrane Translocase Subunit Tim29; Chromosome 19 Open Reading Frame 52; Uncharacterized Protein C19orf52

Application Instructions

Application table

Application	Dilution
FACS	1 - 3 µg/10^6 cells
ICC/IF	5 µg/ml
IHC-P	2-5 µg/ml
WB	0.1-0.25 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 29 kDa

Properties

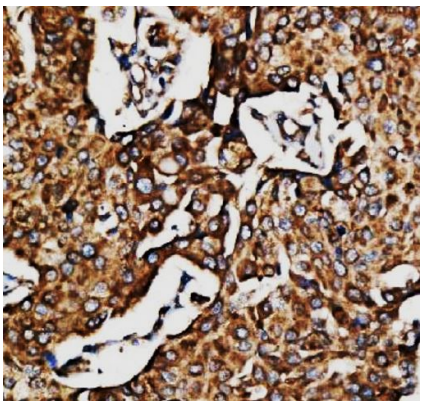
Form	Powder
Purification	Affinity purified
Buffer	0.2% Na2HPO4, 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in 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

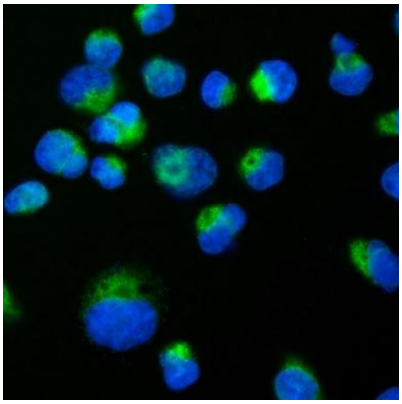
Gene Symbol	TIMM29
Gene Full Name	Translocase Of Inner Mitochondrial Membrane 29
Background	Enables protein transporter activity. Involved in protein insertion into mitochondrial inner membrane. Located in mitochondrial inner membrane and mitochondrial intermembrane space. Part of TIM22 mitochondrial import inner membrane insertion complex. [provided by Alliance of Genome Resources, Nov 2024]
Function	Component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. The TIM22 complex forms a twin-pore translocase that uses the membrane potential as the external driving force. Required for the stability of the TIM22 complex and functions in the assembly of the TIMM22 protein into the TIM22 complex. May facilitate cooperation between TIM22 and TOM complexes by interacting with TOMM40. [UniProt]
Calculated Mw	29 kDa
Cellular Localization	Membrane; Mitochondrion; Mitochondrion inner membrane. [UniProt]

Images



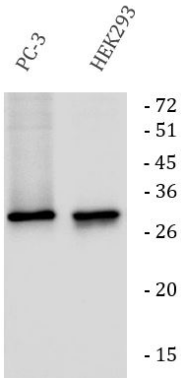
ARG45392 anti-C19orf52 antibody IHC-P image

Immunohistochemistry: Human breast cancer stained with ARG45392 anti-C19orf52 antibody at 1 µg/ml dilution.



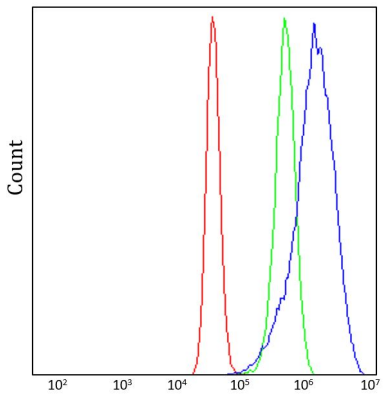
ARG45392 anti-C19orf52 antibody ICC/IF image

Immunofluorescence: PC-3 stained with ARG45392 anti-C19orf52 antibody at 5 µg/ml dilution.



ARG45392 anti-C19orf52 antibody WB image

Western blot: PC3 and HEK293 stained with ARG45392 anti-C19orf52 antibody at 0.5 µg/ml dilution.



ARG45392 anti-C19orf52 antibody FACS image

Flow Cytometry: MCF-7 stained with ARG45392 anti-C19orf52 antibody at 1 µg/10^6 cells dilution.