

ARG45531 anti-MAN2C1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MAN2C1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MAN2C1
Species	Human
Immunogen	Recombinant protein containing to human MAN2C1.
Conjugation	Un-conjugated
Alternate Names	MAN2C1; mannosidase, alpha, class 2C, member 1; EC 3.2.1.24; MAN6A8; MANA1; Mannosidase alpha class 2C member 1; MANA; Alpha-D-mannoside mannohydrolase; Alpha-mannosidase 2C1; Alpha mannosidase 6A8B

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	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	100 kDa	

Properties

Form	Liquid
Purification	Affinity 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 -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.

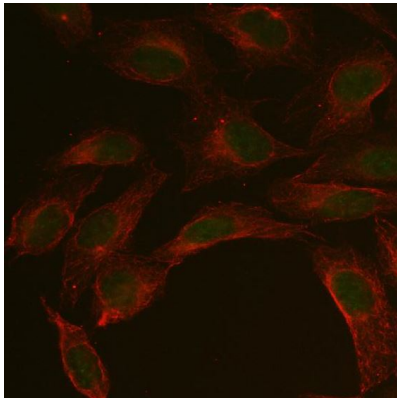
Note

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

Bioinformation

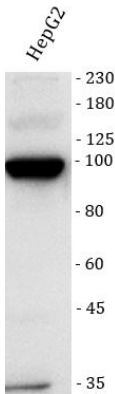
Gene Symbol	MAN2C1
Gene Full Name	mannosidase, alpha, class 2C, member 1
Background	Predicted to enable alpha-mannosidase activity. Predicted to be involved in oligosaccharide catabolic process. Located in nucleoplasm. Implicated in congenital disorder of deglycosylation 2. [provided by Alliance of Genome Resources, Feb 2025]
Function	Cleaves alpha 1,2-, alpha 1,3-, and alpha 1,6-linked mannose residues on cytoplasmic free oligosaccharides generated by N-glycoprotein degradation pathways. [UniProt]
Calculated Mw	116 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



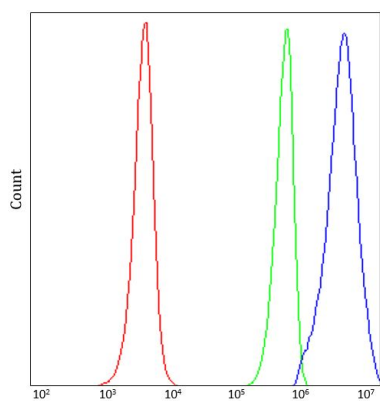
ARG45531 anti-MAN2C1 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45531 anti-MAN2C1 antibody at 5 µg/ml dilution.



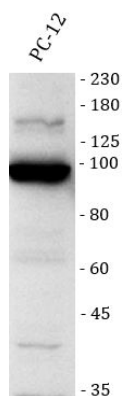
ARG45531 anti-MAN2C1 antibody WB image

Western blot: HepG2 stained with ARG45531 anti-MAN2C1 antibody at 0.5 µg/ml dilution.



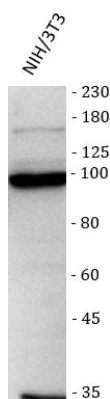
ARG45531 anti-MAN2C1 antibody FACS image

Flow Cytometry: JK stained with ARG45531 anti-MAN2C1 antibody at 1 µg/10⁶ cells dilution.



ARG45531 anti-MAN2C1 antibody WB image

Western blot: PC-12 stained with ARG45531 anti-MAN2C1 antibody at 0.5 µg/ml dilution.



ARG45531 anti-MAN2C1 antibody WB image

Western blot: NIH/3T3 stained with ARG45531 anti-MAN2C1 antibody at 0.5 µg/ml dilution.