

## ARG58669 anti-FCGRT antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes FCGRT
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FCGRT
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 25-300 of Human FCGRT (NP_004098.1).
Conjugation	Un-conjugated
Alternate Names	FCRN; IgG receptor FcRn large subunit p51; alpha-chain; Neonatal Fc receptor; FcRn; IgG Fc fragment receptor transporter alpha chain

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse kidney	
Observed Size	55 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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.

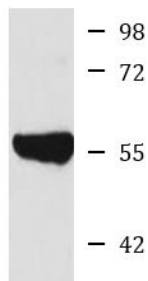
## Bioinformation

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Gene Symbol	FCGRT
Gene Full Name	Fc fragment of IgG, receptor, transporter, alpha
Background	This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]
Function	Binds to the Fc region of monomeric immunoglobulins gamma. Mediates the uptake of IgG from milk. Possible role in transfer of immunoglobulin G from mother to fetus. [UniProt]
Calculated Mw	40 kDa
Cellular Localization	Cell membrane, Single-pass type I membrane protein. [UniProt]

## Images

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Mouse kidney

ARG58669 anti-FCGRT antibody WB image

Western blot: 25 µg of Mouse kidney lysate stained with ARG58669 anti-FCGRT antibody at 1:1000 dilution.