

## ARG58592 anti-FCGRT antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes FCGRT
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FCGRT
Species	Human
Immunogen	Recombinant protein corresponding to Q56-E291 of Human FCGRT.
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
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml

**Application Note**  
IHC-P: Antigen Retrieval: Heat mediated.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
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.

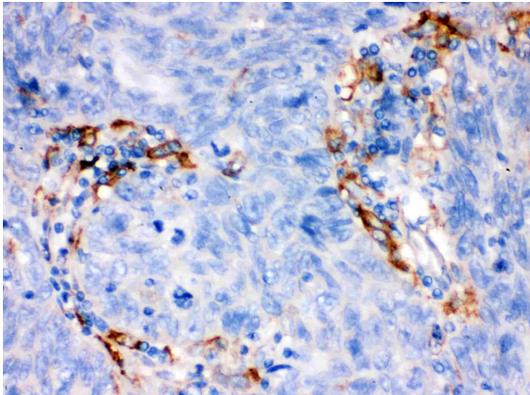
## Bioinformation

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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]

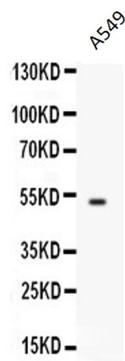
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## Images



ARG58592 anti-FCGRT antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer tissues stained with ARG58592 anti-FCGRT antibody at 1  $\mu$ g/ml dilution.



ARG58592 anti-FCGRT antibody WB image

Western blot: A549 whole cell lysate stained with ARG58592 anti-FCGRT antibody at 0.5  $\mu$ g/ml dilution.