

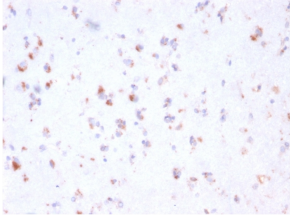
Anti-FCGRT Antibody [FCGRT/2932] (A248538)

Specifications:

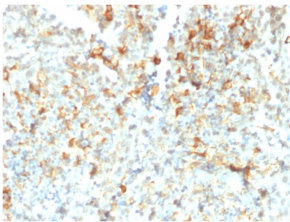
Name:	Anti-FCGRT Antibody [FCGRT/2932]
Description:	Mouse monoclonal [FCGRT/2932] antibody to FCGRT.
Specificity:	This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. FCGRT is present in the intestinal epithelium of neonates and mediates the selective uptake of immunoglobulin G (IgG) in mothers' milk, thereby helping newborn to acquire passive immunity. FCGRT is comprised of a heavy chain and α -2-Microglobulin. FCGRT localizes in endosomes of vascular endothelial cells and selectively recycles IgG to the cell surface, thus protecting IgG from lysosomal degradation.
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 2-4 μ g/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 24-215, of human FCGRT protein. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	FCGRT/2932
Isotype:	IgG2b
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 μ g/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-FCGRT Antibody [FCGRT/2932] - BSA and Azide free (A251720).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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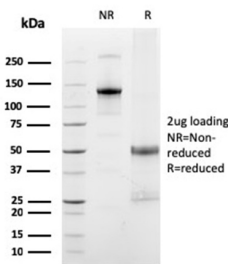
Images:



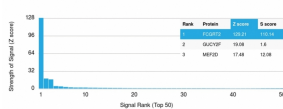
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human cerebellum using Anti-FCGRT Antibody [FCGRT/2932].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human testicular cancer using Anti-FCGRT Antibody [FCGRT/2932].



SDS-PAGE analysis of Anti-FCGRT Antibody [FCGRT/2932] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-FCGRT Antibody [FCGRT/2932]. Z-Score and S-Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target; a MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.