

Product datasheet for **TA399846**

FCGRT Rabbit Monoclonal Antibody [Clone ID: h22-0015]

Product data:

Product Type:	Primary Antibodies
Clone Name:	h22-0015
Applications:	BI
Reactivity:	Human
Modifications:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated by immunizing Balb/c mice with recombinant FcRn.
Specificity:	<p>The antibody is specific for human FcRn. The neonatal Fc receptor is a cell surface receptor that transfers passive humoral immunity from the mother to the newborn.</p> <p>The antibody was employed in blocking experiments with HEK293 cells that overexpress FcRn. The results showed that the antibody has a good effect of blocking the binding of IgG to FcRn at the cellular level (IC50: 11.4nM). The effect of the antibody was tested in human FcRn transgenic mice. The antibody was able to increase IgG catabolism in vivo by blocking FcRn binding (CN113484526).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Database Link:	P55899
Synonyms:	FCGRT; IgG Fc fragment receptor transporter alpha chain; IgG receptor FcRn large subunit p51; Neonatal Fc receptor



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