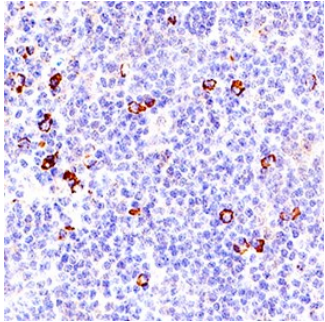


DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human FCRL4/FcRH4 in direct ELISAs. In direct ELISAs, less than 2% cross-reactivity with recombinant human (rh) IRTA2, rhIRTA3, rhIRTA4, and rhIRTA5 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human FCRL4/FcRH4 Gln16-Asp385 Accession # Q96PJ5
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS		
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.		
	Recommended Concentration	Sample
Immunohistochemistry	1-15 µg/mL	Immersion fixed paraffin-embedded sections of Human Tonsil

DATA	
<p>Immunohistochemistry</p> 	<p>Detection of FCRL4/FcRH4 in Human Tonsil. FCRL4/FcRH4 was detected in immersion fixed paraffin-embedded sections of Human Tonsil using Goat Anti-Human FCRL4/FcRH4 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF2426) at 1 µg/mL for 1 hour at room temperature followed by incubation with the Anti-Goat IgG VisUCyte™ HRP Polymer Antibody (Catalog # VC004). Before incubation with the primary antibody, tissue was subjected to heat-induced epitope retrieval using VisUCyte Antigen Retrieval Reagent-Basic (Catalog # VCTS021). Tissue was stained using DAB (brown) and counterstained with hematoxylin (blue). Specific staining was localized to cell membrane in lymphocytes. View our protocol for IHC Staining with VisUCyte HRP Polymer Detection Reagents.</p>

PREPARATION AND STORAGE	
Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS. For liquid material, refer to CoA for concentration.
Shipping	Lyophilized product is shipped at ambient temperature. Liquid small pack size (-SP) is shipped with polar packs. Upon receipt, store immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

FcRH4, also known as IRTA1 (immunoglobulin superfamily receptor translocation associated 1), is a member of the Ig superfamily. It shares sequence homology with the classical Fc receptors. FcRH4 is preferentially expressed in B cells and contains three potential ITIM motifs in its extracellular domain. The gene for FcRH4 is localized to the human chromosome 1q 21-23 region, a hotspot for translocation events.