

Anti-IRTA-5 [2G5] Standard Size Ab01224-23.0

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.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 2G5

Alternative Name(s) of Target: CD307a; Immune Receptor Translocation-Associated Protein 5; Fc Receptor Like 1; FCRL1; FcR-like protein 1; Fc receptor homolog 1; FcRH1

UniProt Accession Number of Target Protein: Q96LA6

Published Application(s): SPR, FC

Published Species Reactivity: Human

Immunogen: Mice of the HCo7 HuMab Mouse(R) strain were immunized with purified recombinant IRTA5 fusion protein. Mouse splenocytes, isolated from the HuMab mice, were fused with PEG to a mouse myeloma cell line. The resulting hybridomas were then screened for the production of antigen-specific antibodies. The 2G5 clone was selected from this.

Specificity: 2G5 is specific for IRTA5; it does not bind IRTA1, IRTA2, IRTA3, or IRTA4.

Application Notes: SPR was used to determine the K_d of 2G5 binding to IRTA5 as 0.028×10^{-9} M. Using flow cytometry 2G5 was shown to be specific for IRTA5; it does not bind IRTA1, IRTA2, IRTA3, or IRTA4. Flow cytometry also showed that 2G5 directed against human IRTA-5 binds to CD 19+ B cells and the B-cell tumor lines Karpas 1106P, SU-DHL-4, Granta 519, and L-540. 2G5 does not bind CD3+ peripheral blood T cells, CD 1A+ peripheral blood dendritic cells, CD14+ peripheral blood monocytes, or CD56+ peripheral blood NK cells.

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.