

Rabbit Anti-IRTA1/FCRL4 Polyclonal: RC0313

Intended Use: For Research Use Only

Description: IRTA1 or FCRL4 is specifically expressed by memory and monocytoid B-cells which populate spleen and lymph nodes. Preferentially expressed in memory B-cells associated with mucosal tissue. May function as an inhibitor of the B-cell receptor signaling and in the B-cell-mediated immune response.

Specifications

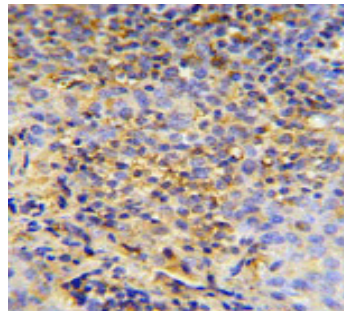
Clone: Polyclonal
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Membrane
Formulation: Protein A purified in 10 mM PBS (pH 7.4), 10 mg/ml BSA, 0.02% sodium azide (NaN₃)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC for FFPE, Frozen
Package:

Description	Catalog No.	Size
IRTA1/FCRL4 Polyclonal Concentrated	RC0313	1 ml

IHC Procedure*

Positive Control Tissue: Tonsil carcinoma
Concentrated Dilution: 25-100
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



Human tonsil carcinoma FFPE tissue stained with anti-IRTA1 using DAB

References:

1. Nodal reactive and neoplastic proliferation of monocytoid and marginal zone B cells: an immunoarchitectural and molecular study highlighting the relevance of IRTA1 and T-bet as positive markers. Bob R, et al. Histopathology. Oct;63(4):482-98, 2013.
2. IRTA1 is selectively expressed in nodal and extranodal marginal zone lymphomas. Falini B, et al. Histopathology. Nov;61(5):930-41, 2012.
3. Low representation of Fc receptor-like 1-5 molecules in leukemic cells from Iranian patients with acute lymphoblastic leukemia. Kazemi T, et al. Cancer Immunol Immunother. Jun;58(6):989-96, 2009.