

Rabbit Anti-CD21 [CR2/3124R]: RM0311, RM0311RTU7

Intended Use: For Research Use Only

Description: CD21 is a single-pass type 2 transmembrane protein that serves as the complement receptor for C3d and the Epstein-Barr virus. CD21 labels follicular dendritic cells and mature B cells particularly in marginal and mantle zone of lymphoid tissues. It is a useful marker to identify neoplasms derived from follicular dendritic cells.

Specifications

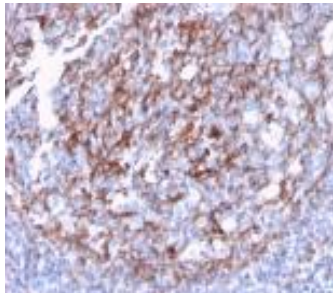
Clone: CR2/3124R
Source: Rabbit
Isotype: IgG
Reactivity: Human
Immunogen: Recombinant fragment aa 142-240 of human CD21 protein
Localization: Membrane
Formulation: Purified antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN₃)
Storage: Store at 2°- 8°C
Applications: IHC, Flow Cyt., IF, WB
Package:

| Description | Catalog No. | Size |
|-------------------|-------------|------|
| CD21 Concentrated | RM0311 | 1 ml |
| CD21 Prediluted | RM0311RTU7 | 7 ml |

IHC Procedure*

Positive Control Tissue: Tonsil, lymphoma
Concentrated Dilution: 50-200
Pretreatment: Tris EDTA pH9.0, 15 minutes Pressure Cooker or 30-60 minutes 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.



FFPE human tonsil dendritic stained with anti-CD21 using DAB

References:

1. Telocytes in minor salivary glands of primary Sjögren's syndrome: association with the extent of inflammation and ectopic lymphoid neogenesis. Alunno A, et al. J Cell Mol Med 19:1689-96, 2015.
2. Occurrence of tertiary lymphoid tissue is associated with T-cell infiltration and predicts better prognosis in early-stage colorectal cancers. Caro G, et al. Clin Cancer Res 20:2147-58, 2014.
3. Multiscale distribution and bioaccumulation analysis of clofazimine reveals a massive immune system-mediated xenobiotic sequestration response. Baik J, et al. Antimicrob Agents Chemother 57:1218-30, 2013.