

**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**

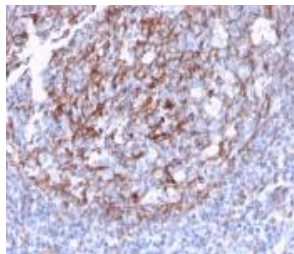
Clone: CR2/3124R  
Source: Rabbit  
Isotype: IgG  
Localization: Membrane  
Formulation: Antibody in PBS pH7.4, containing BSA and  $\leq 0.09\%$  sodium azide (NaN<sub>3</sub>)  
Storage: Store at 2°- 8°C  
Applications: IHC, WB  
Package:

| 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: 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.



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.