

Product datasheet for **TA814113**

CD21 (CR2) Mouse Monoclonal Antibody [Clone ID: OTI2A5]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2A5 |
| Applications: | IHC |
| Recommended Dilution: | IHC 1:300 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 327-807 of human CD21 (NP_001868) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 113 kDa |
| Gene Name: | complement component 3d receptor 2 |
| Database Link: | NP_001868 Entrez Gene 1380 Human P20023 |
| Background: | This gene encodes a membrane protein, which functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes. Genetic variations in this gene are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009] |



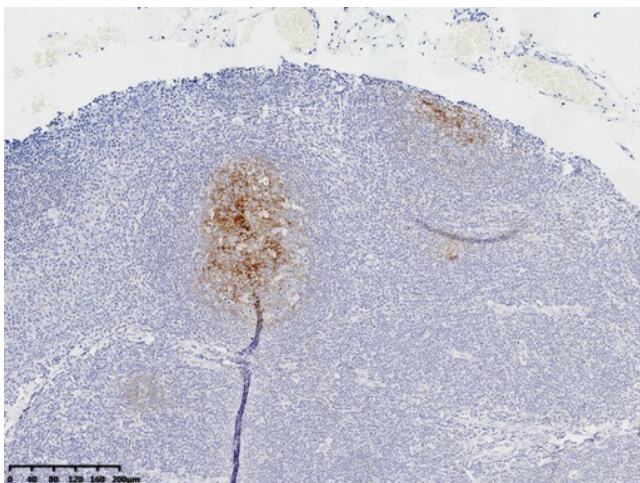
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Synonyms: C3DR; CD21; CR; CVID7; SLEB9

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: B cell receptor signaling pathway, Complement and coagulation cascades, Hematopoietic cell lineage

Product images:



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-CD21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, TA814113)