

CD21 Recombinant Antibody - Rat IgG1 (Chimeric)

IRS265RT



Product Type:	Recombinant Chimeric Antibody, primary antibodies
Species reactivity:	Human
Applications:	mlHC
Molecular Wt:	Predicted band size: 113 kDa

Description: 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.

Immunogen: Synthetic peptide within Human CD21 aa 1000 to the C-terminus.

Positive control: Human tonsils tissue.

Subcellular location: Cell membrane.

Database links: SwissProt: P20023 Human

Recommended Dilutions:
mlHC 1:100

Storage Buffer: PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders: 0086-571-88062880

Technical: 0086-571-89986345

Service mail: support@huabio.cn

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Applications: WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

Images

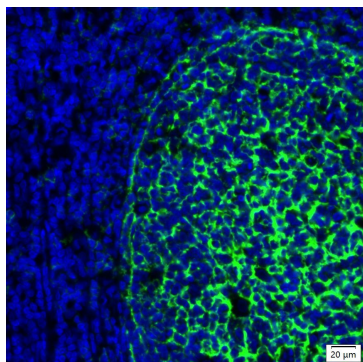


Fig1: mlHC analysis of human tonsils tissue (Formalin/PFA-fixed paraffin-embedded sections) with Rat anti-CD21 antibody (IRS265RT) at 1/100 dilution. The immunostaining was performed with the IRISKitCmTSA Kit (900810). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins at 95°C. DAPI (blue) was used as a nuclear counter stain. Image acquisition was performed with Olympus VS200 Slide Scanner.

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

Background References

1. Smith NA. et. al. CD21 (Complement Receptor 2) Is the Receptor for Epstein-Barr Virus Entry into T Cells. J Virol. 2020 May
2. Visentini M. et. al. CD21(low) B cells are predictive markers of new digital ulcers in systemic sclerosis. Clin Exp Immunol. 2021 Aug

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