

Mouse anti-Hu CD21 Purified, clone LT21 (Monoclonal)

Clone no. LT21

MONOSAN

Product name	Mouse anti-Hu CD21 Purified, clone LT21 (Monoclonal)
Host	Mouse
Applications	FC , IHC-Fr
Species reactivity	Pig, Human, Dog, Cow
Conjugate	-
Immunogen	IM9 human B-lymphoblastoid cell line
Isotype	IgG1
Clonality	Monoclonal
Clone number	LT21
Size	0.1 mg
Concentration	1 mg/ml
Format	Purified by protein-A affinity chromatography.
Storage buffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

CD21 (complement receptor 2, CR2) binds C3 complement fragments, especially its breakdown fragments, which remain covalently attached to complement activating surfaces or antigen. CD21 has important roles in uptake and retention of immunocomplexes, survival of memory B cells and in development and maintenance of the humoral response to T-dependent antigens. CD21 also serves as a key receptor for Epstein-Barr virus binding and is involved in targeting prions to follicular dendritic cells and expediting neuroinvasion following peripheral exposure to prions. A soluble form of the CD21 (sCD21) is shed from the lymphocyte surface and retains its ability to bind respective ligands.

SpecificityThe mouse monoclonal antibody H44 recognizes an extracellular epitope of CD218a, the alpha subunit of IL-18 receptor.

Application detailsFlow cytometry: Recommended dilution: 2 µg/ml.

References

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2. -
3. -
4. -
5. -

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