Product datasheet MON1162

Mouse anti-CD27, clone LT27 (Monoclonal)

Clone no. LT27

MONOSAN

Product name	Mouse anti-CD27, clone LT27 (Monoclonal)
Host	Mouse
Applications	FC
Species reactivity	Human
Conjugate	-
Immunogen	Human peripheral blood lymphocytes
Isotype	IgG2a
Clonality	Monoclonal
Clone number	LT27
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 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

CD27 is a transmembrane 55 kDa protein of the nerve growth factor-receptor family, expressed as a disulfide-linked homodimer on mature thymocytes, peripheral blood T cells and a subpopulation of B cells. Activation of T cells via TCR-CD3 complex results in upregulation of CD27 expression on the plasma membrane as well as in the release of its soluble 28-32 kDa form, sCD27, detected in the plasma, urine or spinal fluid. This sCD27 is an important prognostic marker of acute and chronic B cell malignancies. RgpA, a cystein proteinase, although activating T cells through the protease-activated receptors (PARs), degradates CD27 and counteracts T cell activation mediated by CD27 and its ligand CD70.

References

1. -
2. -
3. -
4. -
5. -

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