

Mouse anti-Hu IgE Purified, clone BE5 (Monoclonal)

Clone no. BE5

MONOSAN

Product name	Mouse anti-Hu IgE Purified, clone BE5 (Monoclonal)
Host	Mouse
Applications	FC , ELISA
Species reactivity	Human
Conjugate	-
Immunogen	Purified human IgE.
Isotype	IgG1
Clonality	Monoclonal
Clone number	BE5
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

Immunoglobulin E (IgE) is a 180 kDa soluble protein serving as an antigen-specific unit of mast cell effector mechanisms. IgE has the lowest serum concentration of all immunoglobulins (approximately 0.5 mg/l) in healthy individuals, but upon allergen challenge its concentration in blood increases dramatically. Although biological survival of free IgE is very short (T_{1/2} = 2 days), it is stabilized after binding to its high affinity receptor. Unlike IgM- IgG- and IgA-committed B cells, IgE-switched B cells do not undergo clonal expansion. Specificity The mouse monoclonal antibody 4A11 reacts with Fab fragment of human IgG. This antibody detects Fab fragments regardless light chain type. Application details Flow cytometry: Recommended dilution: 5 µg/ml.

References

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

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