

Product datasheet

anti-Complement C3a alpha mouse monoclonal, H13, lyophilized, purified

Short overview

Cat. No.	61018
Quantity	50 µg
Concentration	50 µg/ml after reconstitution with 1ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2b
Clone	H13
Immunogen	Human complement component C3
Formulation	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ELISA, IHC, WB
Reactivity	Guinea pig, Human, Rabbit

Applications

ELISA	Assay dependent
Immunohistochemistry (IHC) - frozen	1:10
Western Blot (WB)	Assay dependent

Background

H13 recognizes a C3a-determinant (eg C3 alpha-chain) which is present also on native C3. H13 allows discrimination of ubiquitous or nonspecifically bound native C3 from biologically active C3b fragment; C3b or C are negative with H13 Polypeptide reacting: C3a-determinant on C3 alpha-chain Specific Application: Detection of C3 deposits in tissue, cells, microorganisms and immune complexes. It should be used with positive control anti-C3b (H11/H206). Non-activated, absorbed C3 contains the C3a determinant, whereas activated C3 is negative with H13.

Product images



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References

Publication	Species	Application
Burger, R., Bader, A., Kirschfink, M., Rother, U. & Schrod, L. Functional analysis and quantification of the complement C3 derived anaphylatoxin C3a with a monoclonal antibody. Clin. exp. Immunol 68, 703â€“711 (1987).	human	WB