

Product datasheet

anti-Complement C5b neo-Epitope mouse monoclonal, HCC5b.1, lyophilized, purified

Short overview

Cat. No.	61022
Quantity	50 µg
Concentration	50 µg/ml after reconstitution with 1ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	HCC5b.1(neo)
Immunogen	Activated human complement component C5
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	Bovine, Goat, Human, Pig, Primates

Applications

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

Background

HCC 5b.1(neo) allows detection of C5b-9 complexes via activated C5, especially in different forms of glomerulonephritis. Does not react with native C5! Polypeptide reacting: Mr 200 kDa polypeptide of SDS denaturated complement component C5 and C5b of Mr 185 kDa; after C5b activation, an Mr 60 kDa cleavage product also reacts (weakly). Disorders specifically detected: Detection of C5b-9 complexes via activated C5, whereas native C5 reacts with antibody HCC5.1.

Product images



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