Product datasheet

anti-Complement C5 mouse monoclonal, HCC5.1, lyophilized, purified

Short overview

Cat. No.	61021
Quantity	50 µg
Concentration	50 µg/ml after reconstitution with 1 ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	HCC5.1
Immunogen	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	Human

Applications

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

Background

HCC5.1 allows detection of native complement component C5 and discrimination from activated C5b-9 complexes, especially in different forms of glomerulonephritis.

Polypeptide reacting: Mr 200 kDa polypeptide of native complement component C5.

Disorders specifically detected: HCC5.1 reacts with native C5 as ell as with C5b. Native C5 is only detected with HCC5.1, while C5b is detected by both HCC5.1 and HCC5.2.

Product images



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