

## Product datasheet

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

### Short overview

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

### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Clone</b>	HCC5.1
<b>Immunogen</b>	Human complement component C5
<b>Formulation</b>	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity chromatography
<b>Storage before reconstitution</b>	2-8°C until indicated expiry date
<b>Storage after reconstitution</b>	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	ELISA, IHC, WB
<b>Reactivity</b>	Human

### Applications

<b>ELISA</b>	Assay dependent
<b>Immunohistochemistry (IHC) - frozen</b>	1:10
<b>Western Blot (WB)</b>	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 well 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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