

Nur für Forschungszwecke

# AGT Monoklonaler Antikörper

Katalog-Nr.:CL594-68020



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-68020	<b>GenBank-Zugangsnummer:</b> BC011519	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von183 Nanodrop;	<b>GeneID (NCBI):</b> angiotensinogen (serpin peptidase inhibitor, clade A, member 8)	<b>CloneNo.:</b> 1B2F5
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> angiotensinogen (serpin peptidase inhibitor, clade A, member 8)	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Isotyp:</b> IgG2b	<b>Berechnete Masse:</b> 485 aa, 53 kDa	
<b>Immunogen Katalognummer:</b> AG16658	<b>Beobachtete Masse:</b> 52 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Hausschwein, Human

## Hintergrundinformationen

Angiotensinogen is a precursor of angiotensin II (Ang II), is expressed and synthesized largely in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. It has a key role in mediating vascular constriction and regulating salt and fluid homeostasis. The resulting product, angiotensin I, is then cleaved by angiotensin converting enzyme (ACE) to generate the physiologically active enzyme angiotensin II. Mutations in this gene are associated with susceptibility to essential hypertension, and can cause renal tubular dysgenesis, a severe disorder of renal tubular development. Defects in this gene also have been associated with non-familial structural atrial fibrillation, and inflammatory bowel disease.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

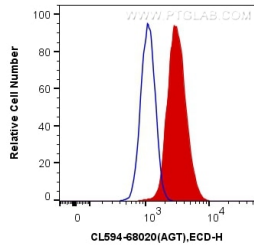
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human AGT (CL594-68020, Clone:1B2F5) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL594-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).