

Nur für Forschungszwecke

# S100A4 Polyklonaler Antikörper

Katalog-Nr.:CL488-16105

Vorgestelltes Produkt



## Allgemeine Informationen

|   |   |  |
|---|---|--|
| <b>Katalog-Nr.:</b><br>CL488-16105                                      | <b>GenBank-Zugangsnummer:</b><br>BC016300                     | <b>Reinigungsmethode:</b><br>Antigen-Affinitätsreinigung           |
| <b>Größe:</b><br>100ul , Konzentration: 1000 µg/ml von6275<br>Nanodrop; | <b>GeneID (NCBI):</b><br>S100 calcium binding protein A4      | <b>Anregungs-/Emissionsmaxima-Wellenlängen:</b><br>493 nm / 522 nm |
| <b>Wirt:</b><br>Kaninchen   | <b>Vollständiger Name:</b><br>S100 calcium binding protein A4 |  |
| <b>Isotyp:</b><br>IgG   | <b>Berechnete Masse:</b><br>101 aa, 12 kDa                    |  |
| <b>Immunogen Katalognummer:</b><br>AG9019                               | <b>Beobachtete Masse:</b><br>10-12 kDa                        |  |

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human, Maus

## Hintergrundinformationen

S100A4 is a member of the S100 family of calcium-binding proteins. The S100 family members have been involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100A4 is known to localize to and function in the nucleus, cytoplasm of cells, and the extracellular space. S100A4 has also been shown to be associated with tumor growth, motility, invasion, metastasis, angiogenesis, apoptosis, and chemoresistance. It is a fibroblast-specific protein associated with mesenchymal cell morphology and motility, is expressed during epithelial-mesenchymal transformations (EMT) in vivo (PMID: 9362334). It is a specific prognostic marker for renal survival in patients with IgAN (PMID: 16105038). It is also an improved marker for lung fibroblasts that could be useful for investigating the pathogenesis of pulmonary fibrosis (PMID: 15618458). Overexpression of S100A4 is correlated with a worse prognosis in patients with various types of cancer.

## 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**

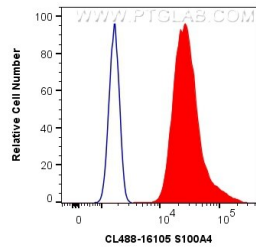
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human S100A4 (CL488-16105) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).