

Nur für Forschungszwecke

# S100A11 Polyklonaler Antikörper

Katalog-Nr.:CL488-10237

Vorgestelltes Produkt



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-10237	<b>GenBank-Zugangsnummer:</b> BC001410	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von6282	<b>GeneID (NCBI):</b> von6282	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Nanodrop;</b>	<b>Vollständiger Name:</b> S100 calcium binding protein A11	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Wirt:</b> Kaninchen	<b>Berechnete Masse:</b> 105 aa, 12 kDa	
<b>Isotyp:</b> IgG		
<b>Immunogen Katalognummer:</b> AG0343		

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : PC-3-Zellen,
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

S100A11 (also known as S100C or calziggarin), is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs (PMID: 18694925). S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. First discovered in 1989, S100A11 has since been proposed to have direct biological functions in an assortment of physiological processes such as endo- and exocytosis, regulation of enzyme activity, cell growth and regulation, apoptosis and inflammation (PMID: 15241500). Chromosomal rearrangements and altered expression of S100A11 have been implicated in tumor metastasis. This S100A11 antibody (10237-1-AP) has also been instrumental in investigations into S100A11's role in the development of brain tumors in tuberous sclerosis complex (TSC) patients (PMID: 20133820).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.  
**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

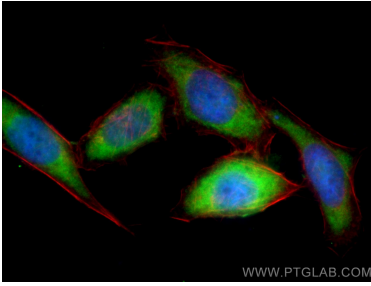
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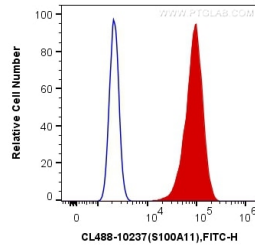
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using CoraLite® Plus 488 S100A11 antibody (CL488-10237) at dilution of 1:200. Cell nuclei were stained with DAPI (blue).



1X10<sup>6</sup> PC-3 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human S100A11 (CL488-10237) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).