

Nur für Forschungszwecke

S100A4 Polyklonaler Antikörper

Katalog-Nr.:CL594-16105

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL594-16105	GenBank-Zugangsnummer: BC016300	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von6275 Nanodrop;	GeneID (NCBI): S100 calcium binding protein A4	Empfohlene Verdünnungen: IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: S100 calcium binding protein A4	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Isotyp: IgG	Berechnete Masse: 101 aa, 12 kDa	
Immunogen Katalognummer: AG9019	Beobachtete Masse: 10-12 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HeLa-Zellen,
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

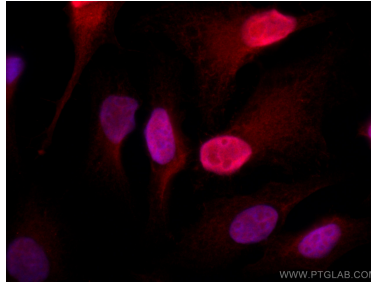
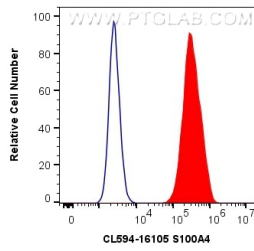
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite@594 Anti-Human S100A4 (CL594-16105) (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite@594 S100A4 antibody (CL594-16105) at dilution of 1:200.