

Nur für Forschungszwecke

S100A4 Monoklonaler Antikörper

Katalog-Nr.:CL594-66489

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL594-66489	GenBank-Zugangsnummer: BC016300	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 995 µg/ml von Nanodrop;	GeneID (NCBI): 6275	CloneNo.: 2G11B4
Wirt: Maus	Vollständiger Name: S100 calcium binding protein A4	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2a	Berechnete Masse: 101 aa, 12 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG9019		

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HepG2-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**

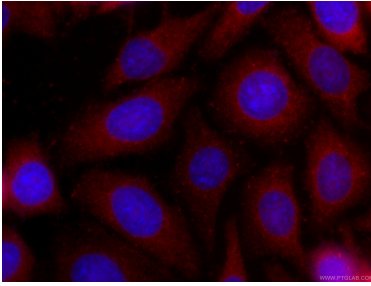
For technical support and original validation data for this product please contact:

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

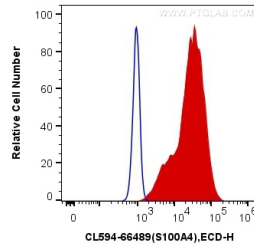
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL594-66489 (S100A4 antibody) at dilution of 1:100.



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite®594 Anti-Human S100A4 (CL594-66489, Clone:2G11B4) (red), or 0.2 ug Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).