

For Research Use Only

# Cardinal Red™-conjugated S100P Polyclonal antibody



Catalog Number: CR-11803

## Basic Information

<b>Catalog Number:</b> CR-11803	<b>GenBank Accession Number:</b> BC006819	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6286	<b>Excitation/Emission maxima wavelengths:</b> 592 nm / 611 nm
<b>Source:</b> Rabbit	<b>Full Name:</b> S100 calcium binding protein P	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 95 aa, 11 kDa	
<b>Immunogen Catalog Number:</b> AG2379	<b>Observed MW:</b> 10 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human

## Background Information

S100P protein is a relatively small (95 amino acid) isoform of the S100 protein family that was first isolated from human placenta. Overexpression of S100P has been detected in several cancers such as breast, colon, prostate, pancreatic and lung carcinomas, and the protein has been functionally implicated in carcinogenic processes. S100P protein is widely expressed in both normal and neoplastic tissues. It clearly shows ectopic expression in some cancers. Based on the high expression in certain tumors, S100P could represent a potential target for novel diagnostic and therapeutic applications.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

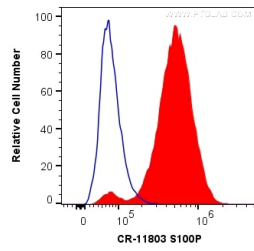
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.2 ug Cardinal Red™ Anti-Human S100P (CR-11803) (red), or 0.2 ug isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).