antibodies

## Datasheet for ABIN6940545 Recombinant anti-s100a4 antibody (AA 1-200)



5 Images



Quantity:	100 µg
Target:	s100a4 (S100A4)
Binding Specificity:	AA 1-200
Reactivity:	Human, Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This s100a4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Staining Methods (StM)
Product Details	

Immunogen:	Recombinant fragment of human S100A4 protein (around aa1-200) (exact sequence is proprietary)
Clone:	S100A4-2750R
lsotype:	lgG
Purification:	Purified by Protein A/G
Target Details	

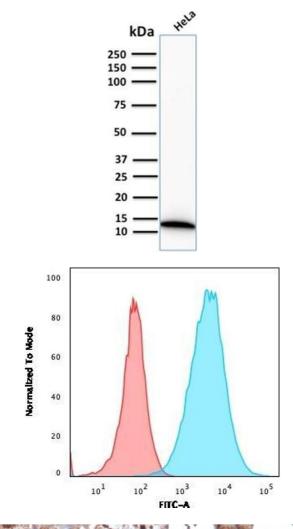
 Target Details

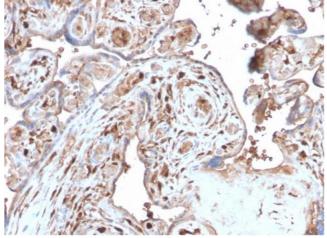
 Target:
 s100a4 (S100A4)

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Target Details	
Alternative Name:	S100A4 (S100A4 Products)
Background:	S100A4 belongs to the S100 super-family of proteins containing 2 EF-hand calcium-binding domains. S100 genes include at least 25 members, including S100A1-S100A18, trichohyalin, filaggrin, repetin, S100P, and S100Z. S100A4 exerts its function via direct interaction with a number of proteins including P53, P63, non-muscle myosin IIA, 64 integrin, and liprin b1. S100A4 is overexpressed in highly metastatic cancers, which makes it useful as a marker of tumor progression.
Molecular Weight:	10-12kDa
Gene ID:	6275
UniProt:	P26447
Pathways:	S100 Proteins
Application Details	
Application Notes:	Positive Control: HeLa, A549 or A375 cells. Placenta. Known Application: Western Blot (1-2 µg/mL), Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only
Handling	
Concentration:	200 µg/mL
Buffer:	10 mM PBS with0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months

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## Western Blotting

**Image 1.** Western Blot Analysis of human HeLa cell lysate using S100A4 Recombinant Rabbit Monoclonal Antibody (S100A4/2750R).

## **Flow Cytometry**

**Image 2.** Flow Cytometric Analysis of A549 cells using S100A4 Recombinant Rabbit Monoclonal Antibody (S100A4/2750R) followed by goat anti-rabbit IgG-CF488 (Blue); Isotype Control (Red).

## Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Placenta stained with S100A4 Recombinant Rabbit Monoclonal Antibody (S100A4/2750R).

Please check the product details page for more images. Overall 5 images are available for ABIN6940545.

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