



Datasheet for ABIN966726
anti-S100A10 antibody



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2 Publications

Overview

Quantity:	0.1 mL
Target:	S100A10
Reactivity:	Human
Host:	Please inquire
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Isotype:	IgG1
Specificity:	Ni-NTA purified truncated recombinant P11 expressed in E. Coli strain BL21 (DE3)
Purification:	Antibodies are purified by protein A affinity chromatography

Target Details

Target:	S100A10
Alternative Name:	S100A10 (S100A10 Products)
Background:	S100 calcium binding protein A10 (S100A10/P11), The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. 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. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in exocytosis and endocytosis.

Target Details

Gene ID: 6281

Pathways: [S100 Proteins](#)

Application Details

Application Notes: ELISA: Propose dilution 1: 10,000
WB:1:100-1:500
IF:1:100-1:500
FCM:1:100-1:500
Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

Handling

Format: Liquid

Storage: -20 °C

Publications

Product cited in: Santamaria-Kisiel, Rintala-Dempsey, Shaw: "Calcium-dependent and -independent interactions of the S100 protein family." in: **The Biochemical journal**, Vol. 396, Issue 2, pp. 201-14, (2006) ([PubMed](#)).

Rust, Visser, van der Leij, Harms, Blokzijl, Deloulme, van der Vlies, Kamps, Kok, Lim, Poppema, van den Berg: "High expression of calcium-binding proteins, S100A10, S100A11 and CALM2 in anaplastic large cell lymphoma." in: **British journal of haematology**, Vol. 131, Issue 5, pp. 596-608, (2005) ([PubMed](#)).