



Rabbit Anti-S100A4 Polyclonal Antibody, PE, Conjugated

Product Name:	Rabbit Anti-S100A4 Polyclonal Antibody, PE, Conjugated
Catalog Number:	bs-3759R-PE
Size:	100ug Lyophilized
Host Species:	Rabbit
Cross-reactivities:	Human , Mouse , Rat , Pig , Horse , Rabbit , Dog , Bovine , GuineaPig
Clonality:	Polyclonal
Isotype:	IgG
Application:	<ul style="list-style-type: none">• WB(1:100-500), ELISA(1:500-1000), IP(1:20-100), IHC-P(1:100-500), IHC-F(1:100-500), Flow-Cyt(1:20-100), IF(1:50-200)• Not yet tested in other applications.• Optimal working dilutions must be determined by the end user.• This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Source:	Polyclonal antibodies are produced by immunizing animals with synthetic peptide derived from human S100A4
Predicted Size:	11kDa
Synonym:	18A2; 42A; Calcium protein; Calvasculin; CAPL; Malignant transformation suppression 1; Metastasin; MTS1; Mts1 protein; Murine placental homolog ; P9KA antibody PEL98; Placental calcium binding protein; Protein Mts1; Protein S100 A4 ; S100 calcium binding protein A4.
Background:	S100 belongs to the family of calcium binding proteins such as calmodulin and troponin C. S100A is composed of an alpha and beta chain whereas S100B is composed of two beta chains. S100 protein is also expressed in the antigen presenting cells such as the Langerhans cells in skin and interdigitating reticulum cells in the paracortex of lymph nodes. S100A4 has been implicated in motility, invasion and tubulin polymerization. It is also involved in tumor metastasis.
Purification:	Antibodies are purified by protein A and peptide affinity chromatography.
Reconstitution Instruction:	Reconstitute with 100ul sterile distilled water. After reconstitution, stock concentration=1ug/1ul, preservatives included (BSA=10ug/ul, Sodium azide=0.1%)
Storage:	Aliquot after reconstitution, store at -20C. Avoid repeated freeze/thaw cycle.