Anti-S100A9 antibody (Internal) (STJ71826)

STJ71826

GENERAL INFORMATION

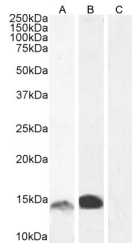
Product Type Primary antibodies
Short Description Goat polyclonal antibody anti-S100A9 (Internal) is suitable for use in ELISA and Western Blot research applications.
Applications Pep-ELISA, WB
Host/Source Goat
Reactivity Human

PRODUCT PROPERTIES

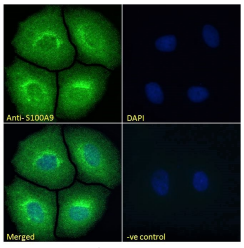
Clonality Polyclonal
Clone ID
Concentration 0.5 mg/mL
Conjugation Unconjugated
Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range WB-0.5-2µg/ml
IHC-2.5ug/ml
IF-Strong expression of the protein seen in the cytoplasm and nuclei of MCF7 and U2OS cells. 10µg/ml
ELISA-antibody detection limit dilution 1:8000.
Formulation 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Isotype IgG
Storage Instruction Store at-20 on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

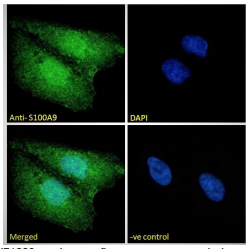
Gene ID 6280
Gene Symbol S100A9
Uniprot ID S10A9_HUMAN
Immunogen
Immunogen Region Internal
Specificity
Immunogen Sequence DTNADKQLSFEEF



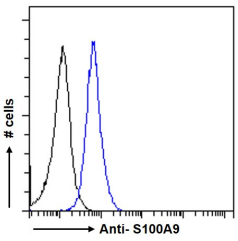
STJ71826 (1µg/ml) staining of Human Bone Marrow (A) and (0. 5µg/ml) Gastrointestinal cancer (B) lysate and negative control HepG2 (C) lysate. 5µg protein in RIPA buffer). Detected by chemiluminescence.



STJ71826 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ71826 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ71826 Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line) , permeabilized with 0. 5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

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