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# EB08525 - Goat Anti-CTDSPL Antibody

Size: 100µg specific antibody in 200µl

## Target Protein

**Principal Names:** CTDSPL, CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like, C3orf8, HYA22, PSR1, SCP3, small CTD phosphatase 3
**Official Symbol:** CTDSPL
**Accession Number(s):** NP_001008393.1; NP_005799.2
**Human GeneID(s):** 10217
**Important Comments:** This antibody is expected to recognise both isoforms (NP_001008393.1; NP_005799.2).

## Immunogen

Peptide with sequence QCNVSLKKQRSRS, from the internal region of the protein sequence according to NP_001008393.1; NP_005799.2.

Please note the peptide is available for sale.

## Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

## Applications Tested

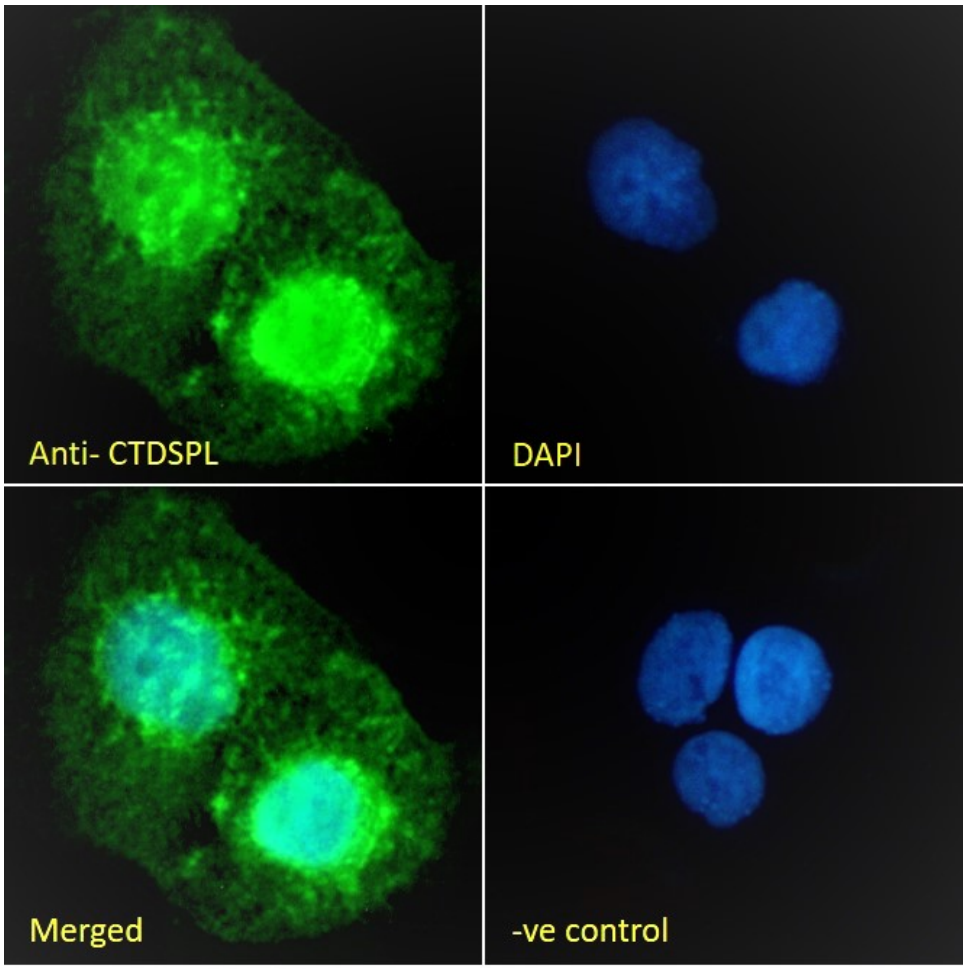
**Peptide ELISA:** antibody detection limit dilution 1:32000.
**Western blot:** Preliminary testing showed a band at approx 28kDa in nuclear lysate of cell lines A431 and HeLa, after 1-2µg/ml antibody staining (calculated Mwt of 29.9kDa according to NP_005799.2). Primary incubation 1 hour at room temperature.

**Immunofluorescence:** Strong expression of the protein seen in the nuclei and vesicles of A431 cells. Recommended concentration: 10µg/ml.

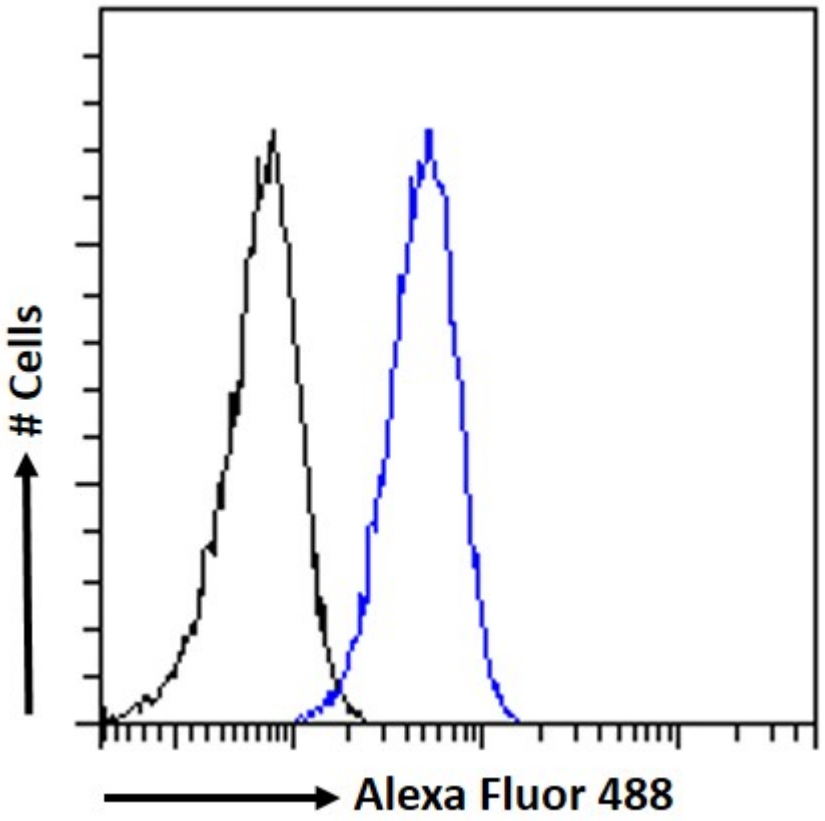
**Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

## Species Reactivity

**Tested:** Human
**Expected from sequence similarity:** Human, Dog




EB08525 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).




EB08525 Flow cytometric analysis of paraformaldehyde fixed A431 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.