

Anti-SODD (NT) Antibody

ORDERING INFORMATION

Catalog No.: 2143

Size: 100ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

A novel TNF-R1-interacting protein has been identified and designated SODD (silencer of death domains). SODD associates with the death domain of TNF-R1 and prevents constitutive activation of TNF-R1 signaling. TNF treatment releases SODD and permits adapter molecules such as TRADD to engage in the active TNF-R1 complex, thus activating TNF signaling pathways. SODD also interacts with DR3. SODD is ubiquitously expressed in human tissues and cell lines.

SPECIFICATION SUMMARY

Antigen: Synthetic peptide corresponding to aa 2-16 of human SODD (accession no. AF111116).

Host Species: Rabbit

Stabilizers: None

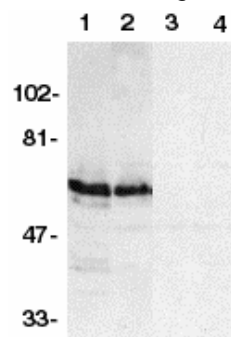
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human, mouse, and rat SODD (60kDa).

APPLICATIONS

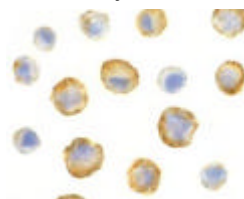
Immunoblotting : use at 1ug/ml.



Western blot analysis of SODD in HeLa (1,3) and THP-1 (2,4) whole cell lysates in the absence (1,2) or presence (3,4) of blocking peptide with SODD antibody at 1µg/ml.

Positive control: HeLa or THP-1 cell lysate.

Immunocytochemistry: use at 5ug/ml



Immunocytochemical staining of SODD in HeLa cells with SODD antibody at 5µg/ml.

These are recommended concentrations. Enduser should determine optimal concentrations for their applications.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.