

DIABLO Antibody

Catalog No: #31125



Package Size: #31125-1 50ul #31125-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|--|
| Product Name | DIABLO Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Applications | E WB IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous level of total DIABLO protein. |
| Immunogen Type | Recombinant protein |
| Immunogen Description | Fusion protein corresponding to a region derived from 56-239 amino acids of human diablo, IAP-binding mitochondrial protein |
| Target Name | DIABLO |
| Other Names | Diablo, IAP-binding mitochondrial protein, SMAC; SMAC3; DFNA64; DIABLO-S |
| Accession No. | Genbank No.: BC011909 |
| Formulation | Supplied at 2.2mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol. |
| Storage | Store at -20°C/1 year |

Application Details

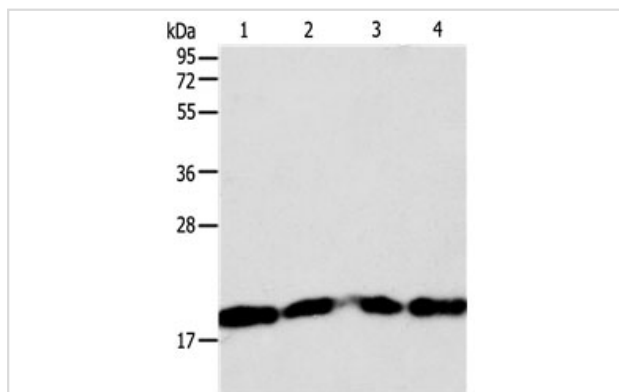
Predicted MW: 27kd

ELISA: 1:2000-1:10000

Western blotting: 1:1000-1:5000

Immunohistochemistry: 1:100-1:300

Images



Gel: 12%SDS-PAGE

Lane1: Lncap cell lysate

Lane2: SKOV3 cell lysate

Lane3: MCF7 cell lysate

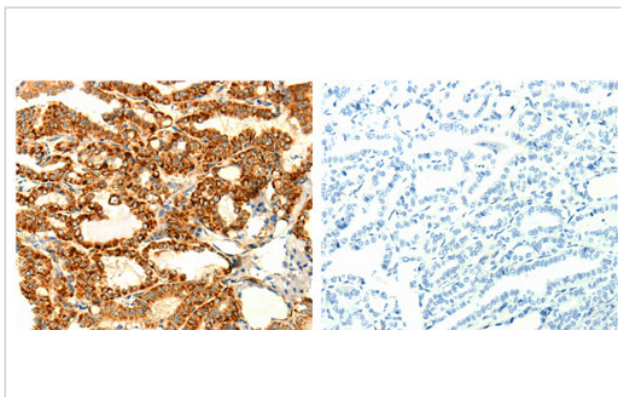
Lane4: 293T cell lysate

Lysates: 40 ug per lane

Primary antibody: 1/1000 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Exposure time: 1 second



The image on the left is immunohistochemistry of paraffin-embedded human thyroid cancer tissue using 31125 (DIABLO Antibody) at dilution 1/70, on the right is treated with the fusion protein.

Background

This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and it moderates the caspase inhibition of IAPs. Multiple polyadenylation sites have been found for this gene. Four alternatively spliced transcript variants have been described for this gene, with two of them encoding different isoforms and the other two probably not encoding a protein. Ubiquitously expressed with highest expression in testis. Expression is also high in heart, liver, kidney, spleen, prostate and ovary. Low in brain, lung, thymus and peripheral blood leukocytes. Isoform 3 is ubiquitously expressed.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.