

## DIABLO Antibody

Catalog No: #32716

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## Description

Product Name	DIABLO Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total DIABLO protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human DIABLO.
Target Name	DIABLO
Other Names	SMAC; DFNA64;
Accession No.	Swiss-Prot:Q9NR28NCBI Gene ID:56616
SDS-PAGE MW	27KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

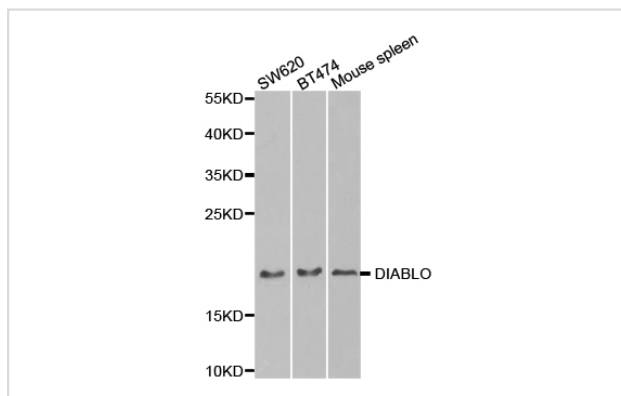
## Application Details

Western blotting: 1:500 - 1:2000

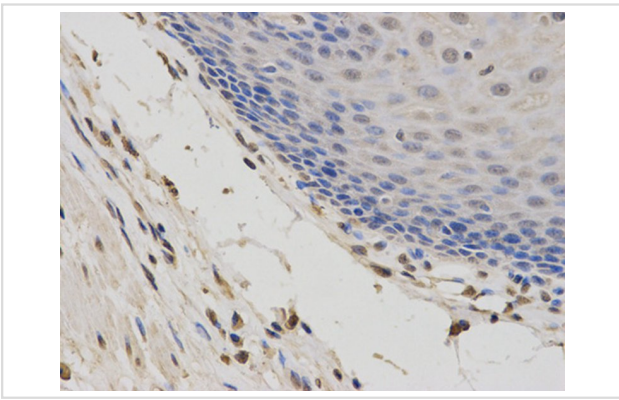
Immunohistochemistry: 1:50 - 1:200

Immunofluorescence: 1:50 - 1:200

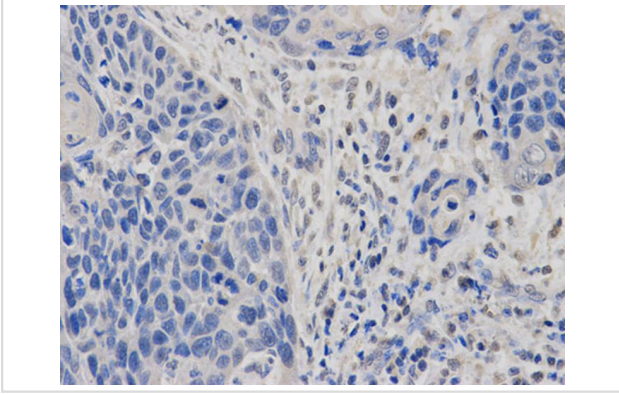
## Images



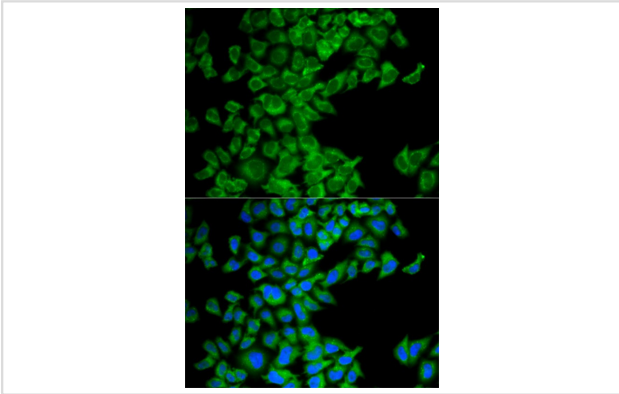
Western blot analysis of extracts of various cell lines, using DIABLO antibody.



Immunohistochemical analysis of paraffin-embedded human esophagus using DIABLO antibody at dilution of 1:100 (400x lens).



Immunohistochemical analysis of paraffin-embedded human esophageal cancer using DIABLO antibody at dilution of 1:100 (400x lens).



Immunofluorescence analysis of MCF-7 cell using DIABLO antibody. Blue: DAPI for nuclear staining.

## Background

This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in this gene is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms.

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