

For Research Use Only

TRIM24 Monoclonal antibody

Catalog Number: 66324-1-Ig



Basic Information

Catalog Number: 66324-1-Ig	GenBank Accession Number: BC028689	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8805	CloneNo.: 1D6D9
Source: Mouse	Full Name: tripartite motif-containing 24	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500
Isotype: IgG1	Calculated MW: 117 kDa	
Immunogen Catalog Number: AG5417	Observed MW: 116 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : HeLa cells, HEK-293 cells, MCF-7 cells, Jurkat
cells, HSC-T6 cells, NIH/3T3 cells, HepG2 cells

IHC : human lung cancer tissue, human breast cancer
tissue

Background Information

TRIM24, also named as RNF82, TIF1 and TIF1A, interacts selectively in vitro with the AF2-activating domain of the estrogen receptors. Association with DNA-bound estrogen receptors, it requires the presence of estradiol. It is a regulation protein of P53. Defects in TRIM24 are a cause of thyroid papillary carcinoma (TPC) which is a common tumor of the thyroid that typically arises as an irregular, solid or cystic mass from otherwise normal thyroid tissue.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

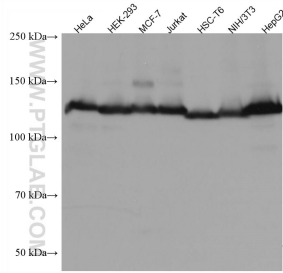
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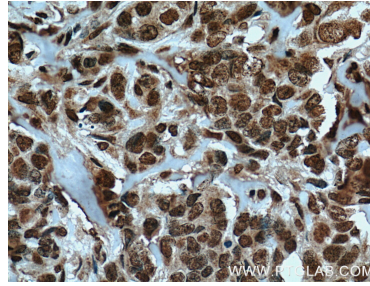
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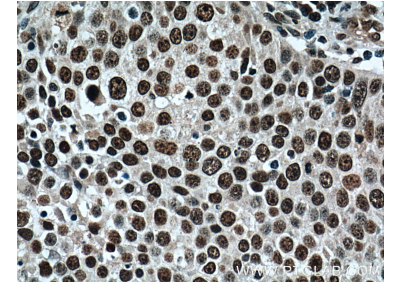
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66324-1-Ig (TRIM24 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66324-1-Ig (TRIM24 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66324-1-Ig (TRIM24 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).