

Inhibin beta A-Specific Monoclonal antibody

Catalog Number: 60352-1-Ig

Basic Information

Catalog Number:

60352-1-Ig

Size:

1600 µg/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

NM_002192

GeneID (NCBI):

3624

UNIPROT ID:

P08476

Full Name:

inhibin, beta A

Calculated MW:

47 kDa

Observed MW:

47 kDa

Purification Method:

Protein G purification

CloneNo.:

1F8D8

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, pig

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 : HepG2 cells, human testis tissue, LO2 cells, pig liver tissue

IHC : human lung cancer tissue, human oesophagus cancer tissue, human stomach cancer tissue

Background Information

Inhibin β A (INHBA) is a ligand in the transforming growth factor β (TGF- β) superfamily. Inhibin β A forms a disulfide-linked homo-dimer known as activin A, which has been implicated in multiple biologic processes, including neoplastic progression. The inhibin β A can also bind the β B and α isoforms to form activin AB and inhibin, respectively.

Storage

Storage:

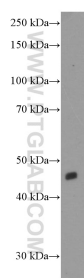
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

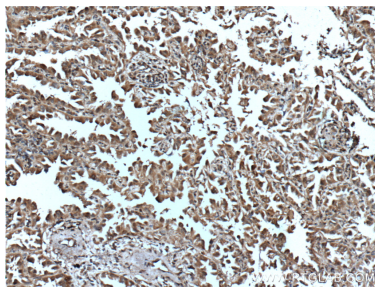
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

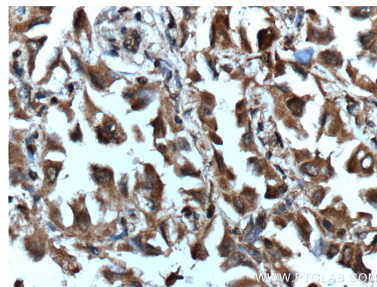
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 60352-1-Ig (INHBA-Specific Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60352-1-Ig (INHBA-Specific Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60352-1-Ig (INHBA-Specific Antibody) at dilution of 1:150 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).