For Research Use Only

GAS1 Monoclonal antibody

Catalog Number:67181-1-Ig

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Basic Information

Catalog Number:
67181-1-Ig

Size:
1000 μg/ml

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG12259

GenBank Accession Number:
BC074908

GeneID (NCBI):
2619

UNIPROT ID:
P54826

Full Name:
growth arrest-specific 1

Calculated MW:
345 aa, 36 kDa

Observed MW:
36 kDa

Purification Method:
Protein A purification

CloneNo.:
2H8E1

Recommended Dilutions:
WB 1:1000-1:6000
IHC 1:250-1:1000

Applications

Tested Applications:
IHC, WB,ELISA

Species Specificity:
Human, Mouse, 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 : HEK-293 cells, SH-SY5Y cells, pig brain tissue, Y79 cells

IHC : human gliomas tissue,

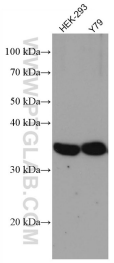
Background Information

GAS1 is involved in growth suppression. It is an integral plasma membrane protein whose expression is linked to growth arrest. It can be used as a novel therapeutic candidate for gastric cancer.

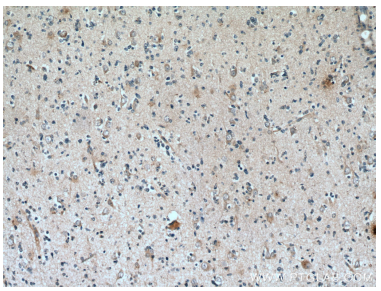
Storage

Storage:
Store at -20℃.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

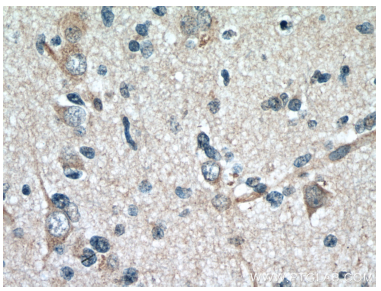
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67181-1-Ig (GAS1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 67181-1-Ig (GAS1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 67181-1-Ig (GAS1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).