

PSG11 Polyclonal antibody

Catalog Number: 16352-1-AP

Basic Information

Catalog Number:

16352-1-AP

Concentration:

187 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9562

GenBank Accession Number:

BC020711

GeneID (NCBI):

5680

UNIPROT ID:

Q9UQ72

Full Name:

pregnancy specific beta-1-glycoprotein 11

Calculated MW:

219 aa, 24 kDa

Observed MW:

24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:20-1:200

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse

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 : mouse uterus tissue, HeLa cells

IHC : human brain tissue, human kidney tissue, human liver tissue, human lung tissue, human placenta tissue, human testis tissue

IF/ICC : HeLa cells,

Background Information

PSG11, also named as PSG13, PSG14, PSBG-11 and PSBG-13, belongs to the immunoglobulin superfamily and CEA family. PSBG are produced in high quantity during pregnancy. PSG11 and other PSGs induce dose-dependent secretion of anti-inflammatory cytokines by human monocytes. (PMID:11327547)

Storage

Storage:

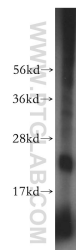
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

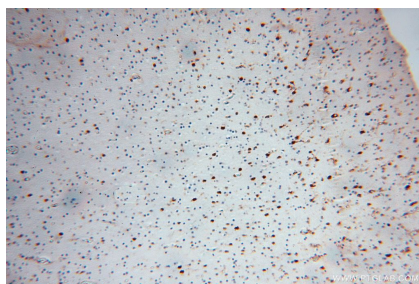
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

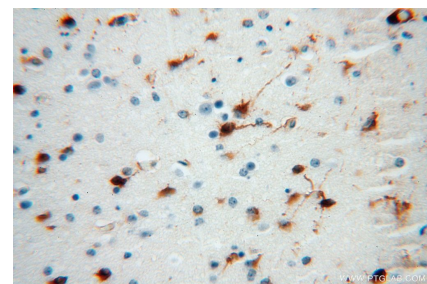
Selected Validation Data



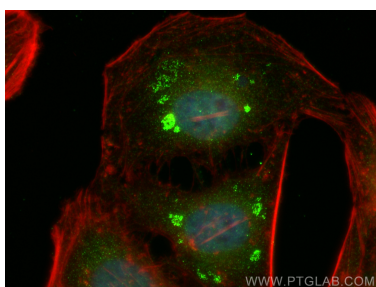
mouse uterus tissue were subjected to SDS PAGE followed by western blot with 16352-1-AP (PSG11 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 16352-1-AP (PSG11 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 16352-1-AP (PSG11 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PSG11 antibody (16352-1-AP) at dilution of 1:400 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).