



20150218ML

Anti-human GASP-1 (#17V26)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M718
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of GASP-1.

Target Background

Synonyms (Target):	GDF-associated serum protein-1, GASP, KIAA0443, WFIKKNRP
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GASPs are secreted proteins that contain WAP, Follistatin/Kazal, Ig-like, two Kunitz and NTR domains. GASP-1 functions as an inhibitory binding protein of some TGF-beta family proteins including GDF-8 and GDF-11. GASPs are predicted to be multivalent protease inhibitors. GASP-1 and -2 are differentially expressed during development and in the adult.

Database References Target

Protein RefSeq:	NP_055525.3
Uniprot ID:	Q5JY77
mRNA RefSeq:	NM_014710.4

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#17V26)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	Recombinant human GASP-1
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human GASP-1.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

ELISA

Recommended usage:

ELISA: Yes (1:1000 - 1:2000)

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!