

GSC Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1807a

Product Information

Application	WB, IHC, FC, E
Primary Accession	P56915
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4C5D5
Isotype	IgG1
Calculated MW	28150 Da
Description	This gene encodes a member of the bicoid subfamily of the paired (PRD) homeobox family of proteins. The encoded protein acts as a transcription factor and may be autoregulatory. A similar protein in mice plays a role in craniofacial and rib cage development during embryogenesis.
Immunogen	Purified recombinant fragment of human GSC (AA: 191-257) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Other Names	Homeobox protein goosecoid, GSC
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GSC Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

This gene encodes a member of the bicoid subfamily of the paired (PRD) homeobox family of proteins. The encoded protein acts as a transcription factor and may be autoregulatory. A similar protein in mice plays a role in craniofacial and rib cage development during embryogenesis. ;

References

1. Dev Biol. 2012 Feb 1;362(1):94-103. 2. Proc Natl Acad Sci U S A. 2006 Dec 12;103(50):18969-74.

Images

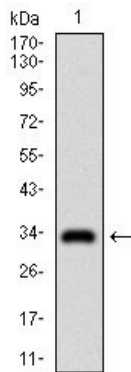


Figure 1: Western blot analysis using GSC mAb against human GSC recombinant protein. (Expected MW is 33.5 kDa)

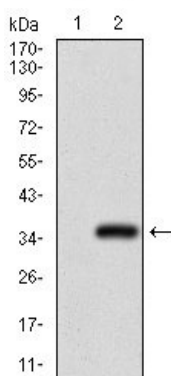


Figure 2: Western blot analysis using GSC mAb against HEK293 (1) and GSC (AA: 191-257)-hIgGfc transfected HEK293 (2) cell lysate.

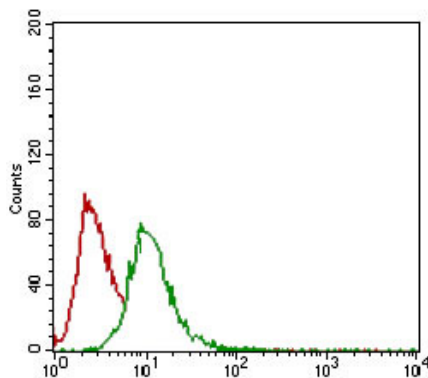


Figure 4: Flow cytometric analysis of HeLa cells using GSC mouse mAb (green) and negative control (red).

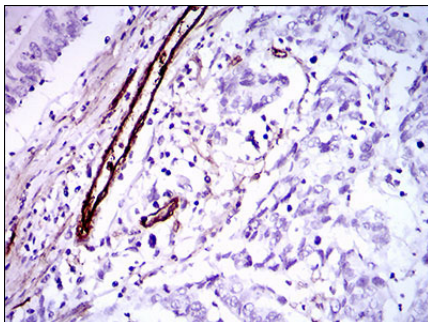
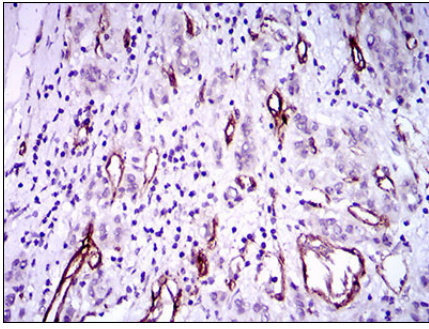


Figure 5: Immunohistochemical analysis of paraffin-embedded colon cancer tissues using GSC mouse mAb with DAB staining.

Figure 6: Immunohistochemical analysis of paraffin-embedded liver cancer tissues using GSC mouse mAb with DAB staining.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.