

**GBX2 Antibody (Center)**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM1997b**

**Specification**

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**GBX2 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P52951</a>
Other Accession	<a href="#">P48031</a> , <a href="#">NP_001476.2</a>
Reactivity	Human
Predicted	Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Calculated MW	37348
Antigen Region	103-131

**GBX2 Antibody (Center) - Additional Information**

**Gene ID** 2637

**Other Names**

Homeobox protein GBX-2, Gastrulation and brain-specific homeobox protein 2, GBX2

**Target/Specificity**

This GBX2 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 103-131 amino acids from the Central region of human GBX2.

**Dilution**

WB~~1:500~1000

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

GBX2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**GBX2 Antibody (Center) - Protein Information**

**Name** GBX2

**Function** May act as a transcription factor for cell pluripotency and differentiation in the embryo.

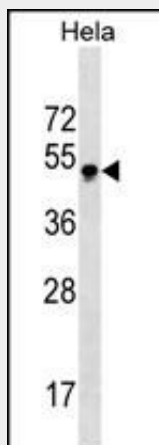
**Cellular Location**

Nucleus.

**GBX2 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**GBX2 Antibody (Center) - Images**

GBX2 Antibody (Center) (Cat. #AM1997b) western blot analysis in HeLa cell line lysates (35µg/lane). This demonstrates the GBX2 antibody detected the GBX2 protein (arrow).

**GBX2 Antibody (Center) - Background**

GBX2 may act as a transcription factor for cell pluripotency and differentiation in the embryo.

**GBX2 Antibody (Center) - References**

- Davila, S., et al. *Genes Immun.* 11(3):232-238(2010)  
Heimbucher, T., et al. *Mol. Cell. Biol.* 27(1):340-351(2007)  
Glinsky, G.V., et al. *J. Clin. Invest.* 115(6):1503-1521(2005)  
Hillier, L.W., et al. *Nature* 434(7034):724-731(2005)  
Gao, A.C., et al. *Clin. Cancer Res.* 6(2):493-497(2000)