10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# GBX2 Antibody (Center)(Ascites)

Mouse Monoclonal Antibody (Mab)
Catalog # AM1997a

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | P52951 |
| **Other Accession** | P48031, NP_001476.2 |
| **Reactivity** | Human |
| **Predicted** | Mouse, Rat, Bovine, Canine, Rabbit |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgM |
| **Clone Names** | 385CT10.1.1 |
| **Calculated MW** | 37348 |
| **Antigen Region** | 103-131 |

## Additional Information

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|---|---|
| **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~~1:4000~64000 E~~Use at an assay dependent concentration. |
| **Format** | Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide. |
| **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)(Ascites) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | GBX2 |
| **Function** | May act as a transcription factor for cell pluripotency and differentiation in the embryo. |

**Cellular Location** Nucleus.

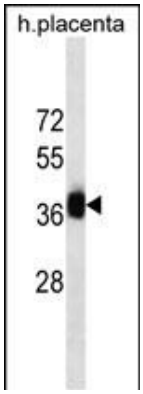
## Background

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

## 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)

## Images




GBX2 Antibody (Center) (Cat. #AM1997a) western blot analysis in human placenta tissue lysates (35µg/lane).This demonstrates the GBX2 antibody detected the GBX2 protein (arrow).

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