

## IGFBP2 Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0101
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of protein IGFBP2 (aa180-328) expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Insulin-like growth factor-binding protein 2
<b>Synonyms</b>	IGFBP2; BP2; IBP2; Insulin-like growth factor-binding protein 2; IBP-2; IGF-binding protein 2; IGFBP-2

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The protein encoded by this gene is one of six similar proteins that bind insulin-like growth factors I and II (IGF-I and IGF-II). The encoded protein can be secreted into the bloodstream, where it binds IGF-I and IGF-II with high affinity, or it can remain intracellular, interacting with many different ligands. High expression levels of this protein promote the growth of several types of tumors and may be predictive of the chances of recovery of the patient. Several transcript variants, one encoding a secreted isoform and the others encoding nonsecreted isoforms, have been found for this gene.

### Recommended Dilution

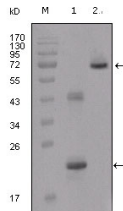
ELISA: 1:10000

IHC: 1:200 - 1:1000

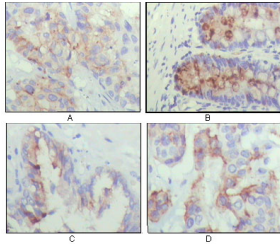
WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using IGFBP2 Monoclonal antibody against truncated IGFBP2-His recombinant protein (1) and truncated IGFBP2 (aa40-328)-hIGF<sub>1</sub>c transfected CHO-K1 cell lysate (2).



Immunohistochemistry analysis of paraffin-embedded human lung cancer (A), rectum(B), prostate (C), colon cancer (D) showing cytoplasmic localization with DAB staining using IGFBP2 Monoclonal antibody.

### Storage

-20°C for one year

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