IGF2BP2 Antibody

Mouse Monoclonal Antibody [Clone PCRP-IGF2BP2-1F9]

Catalog No	Format	Size
10644-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
10644-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
10644-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

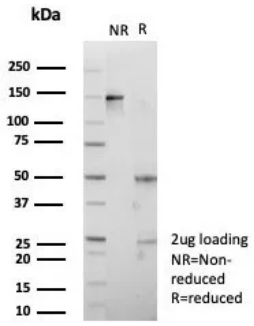
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	

Product Details

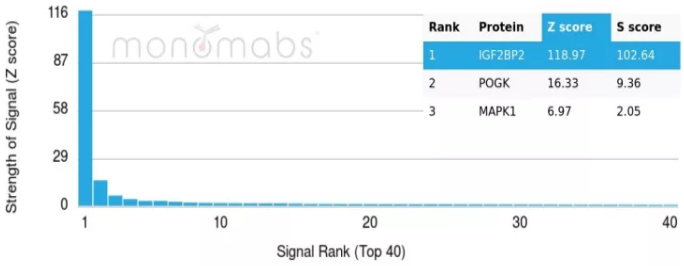
Clone	PCRP-IGF2BP2-1F9
Gene Name	IGF2BP2
Immunogen	Recombinant full-length human IGF2BP2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2 / Kappa
Mol. Weight of Antigen	105kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	HeLa cells.

**Optimal dilution for a specific application should be determined.*

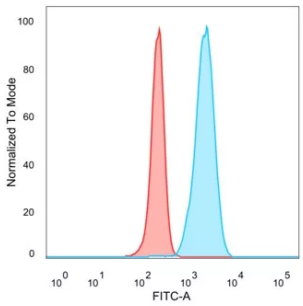
Product Images for IGF2BP2 Antibody



SDS-PAGE Analysis of Purified IGF2BP2 Mouse Monoclonal Antibody (PCRP-IGF2BP2-1F9). Confirmation of Purity and Integrity of Antibody.



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing IGF2BP2 Mouse Monoclonal (PCRP-IGF2BP2-1F9). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Flow Cytometric Analysis of PFA-fixed HeLa cells. IGF2BP2 Mouse Monoclonal Antibody (PCRP-IGF2BP2-1F9) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

Specificity & Comments

IGF2BP2 (Insulin-like growth factor 2 mRNA binding protein 2) is also known as IGF2 mRNA-binding protein 2, IMP-2 (IGF-II mRNA-binding protein 2), VICKZ family member 2 or hepatocellular carcinoma autoantigen p62 and is a 556 amino acid protein. IGF2BP2 is expressed in a variety of tissues including heart, placenta, skeletal muscle, pancreas, fetal liver, lung, kidney, thymus and gonadal cells. IGF2BP2 is an RNA binding protein which may be involved in the regulation of mRNA translation and may also function to control the spatial localization of target mRNAs. Antibodies against IGF2BP2 have been detected in patients with HCC (hepatocellular carcinoma), suggesting that IGF2BP2 may have a role in the pathogenesis of HCC. Defects in IGF2BP2 are thought to be associated with susceptibility to type two diabetes mellitus.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cardiovascular

Limitations and Warranty