

ZNF488 Antibody

Mouse Monoclonal Antibody [Clone PCR-P-ZNF488-2D8]

Catalog No	Format	Size
118738-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
118738-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
118738-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

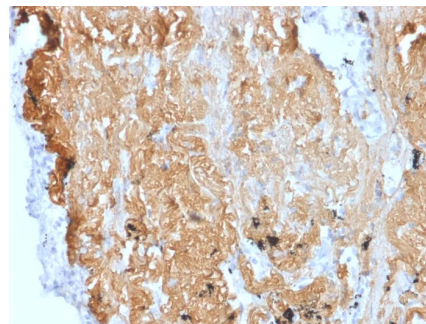
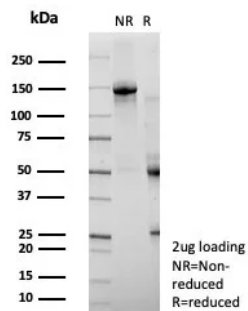
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	PCR-P-ZNF488-2D8
Gene Name	ZNF488
Immunogen	Recombinant fragment (around aa170-307) of human ZNF488
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	40kDa
Cellular Localization	Nucleus.
Species Reactivity	Human
Positive Control	HeLa cells.

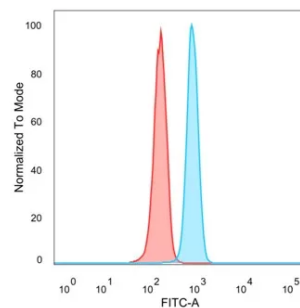
*Optimal dilution for a specific application should be determined.

Product Images for ZNF488 Antibody



SDS-PAGE Analysis of Purified ZNF488 Mouse Monoclonal Antibody (PCR-P-ZNF488-2D8). Confirmation of Purity and Integrity of Antibody.

Formalin-fixed, paraffin-embedded human uterus stained with ZNF488 Mouse Monoclonal Antibody (PCR-P-ZNF488-2D8). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



Analysis of Protein Array containing more than 19,000 full-length human proteins using ZNF488 Mouse Monoclonal (PCR-P-ZNF488-2D8). 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 HuProt™ 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 HuProt™ 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 be 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. ZNF488 Mouse Monoclonal Antibody (PCR-P-ZNF488-2D8) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

Specificity & Comments

Zinc finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc finger proteins contain a Kruppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF488 is a 340 amino acid transcriptional regulator belonging to the Kruppel C2H2-type zinc finger protein family. ZNF488 localizes to the nucleus and contains two C2H2-type zinc fingers. ZNF488 is encoded by a gene located on chromosome 10, which contains a plethora of interesting genes and represents between 4 and 4.5 percent of the total DNA in cells. Jackson-Weiss, Cowden and Usher syndromes are a few diseases related to genes on chromosome 10.

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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.