

JAZF1 (Transcription Corepressor) Antibody

Mouse Monoclonal Antibody [Clone PCR-P-JAZF1-1C2]

Catalog No	Format	Size
221895-MSM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
221895-MSM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
221895-MSM4-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

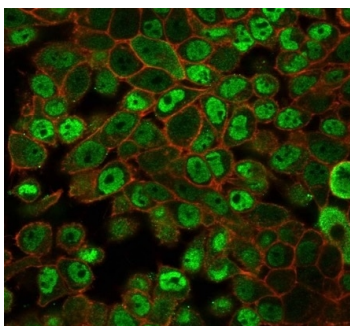
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

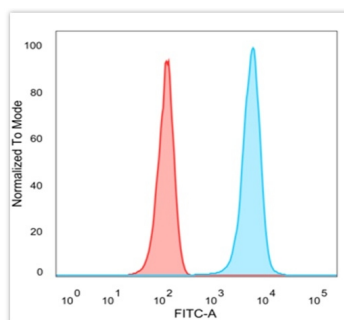
Clone	PCR-P-JAZF1-1C2
Gene Name	JAZF1
Immunogen	Recombinant fragment (around aa1-130) of human JAZF1 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	27.08kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	HeLa or U87 cells. Ubiquitous tissue expression.

*Optimal dilution for a specific application should be determined.

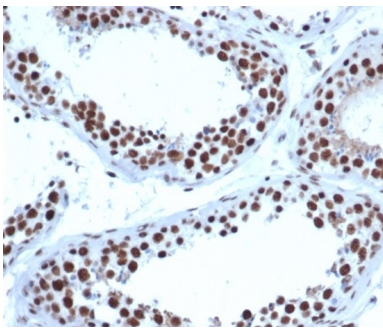
Product Images for JAZF1 (Transcription Corepressor) Antibody



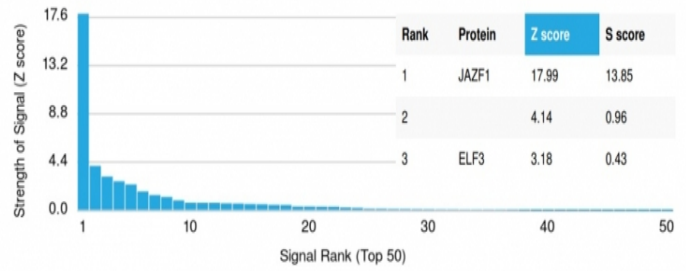
Immunofluorescence analysis of PFA-fixed HeLa cells. JAZF1 Mouse Monoclonal Antibody (PCR-P-JAZF1-1C2) followed by goat anti-mouse IgG-CF488 (green). CF640A phalloidin (red).



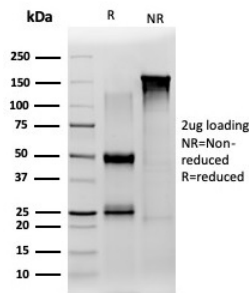
Flow cytometric analysis of PFA-fixed HeLa cells. JAZF1 Mouse Monoclonal Antibody (PCR-P-JAZF1-1C2) followed by goat anti-mouse IgG-CF488 (blue), unstained cells (red).



Formalin-fixed, paraffin-embedded human testis stained. Strong nuclearstaining using JAZF1 Mouse Monoclonal Antibody (PCRP-JAZF1-1C2) at 2ug/ml. HIER: Tris/EDTA, pH9.0, 45min. 2 °: HRP-polymer, 30min. DAB, 5min.



Analysis of Protein Array containing more than 19,000 full-length human proteins using JAZF1 Mouse Monoclonal Antibody (PCRP-JAZF1-1C2). 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 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.



SDS-PAGE Analysis Purified JAZF1 Mouse Monoclonal Antibody (PCRP-JAZF1-1C2). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

JAZF1 (juxtaposed with another zinc finger protein 1), also known as TIP27 (TAK1-interacting protein 27) or ZNF802 (zinc finger protein 802), is a 243 amino acid protein that localizes to the nucleus and contains three C2H2-type zinc fingers. Existing as multiple alternatively spliced isoforms, JAZF1 interacts with the nuclear orphan receptor TR4 and is thought to function as a transcriptional repressor, effectively down-regulation the expression of TR4. Chromosomal aberrations in the gene encoding JAZF1 are associated with the pathogenesis of endometrial stromal tumors, suggesting a role for JAZF1 in carcinogenesis.

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.

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

Nuclear Marker