

Product Datasheet

GTF2H2 Antibody / BTF2 p44 / TFIIH (orb1151645)

Description	Mouse monoclonal antibody to GTF2H2
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	FACS, IF
Immunogen	Recombinant full-length human GTF2H2 protein was used as the immunogen for the BTF2 p44 antibody.
Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced), 0.05% sodium azide
Storage	Aliquot the BTF2 p44 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.
Note	For research use only
Application notes	Optimal dilution of the BTF2 p44 antibody should be determined by the researcher.
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide
Isotype	Mouse IgG1
Clonality	Monoclonal
Clone Number	PCRP-GTF2H2-1B9
Antibody Type	Primary Antibody
Purity	Protein A/G affinity
Uniprot ID	Q13888

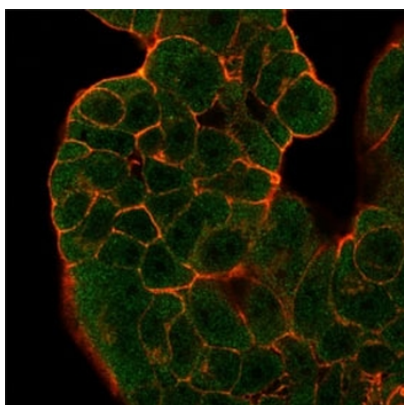
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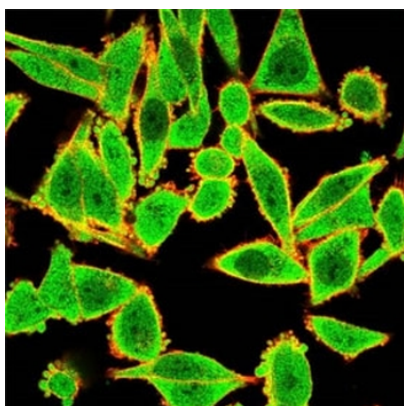
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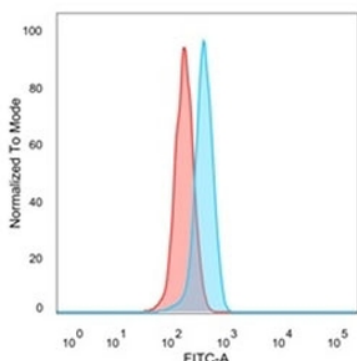
Hazard Information	This BTF2 p44 antibody is available for research use only.
Dilution Range	Flow cytometry: 1-2ug/million cells, Immunofluorescence: 1-2ug/ml
Expiration Date	12 months from date of receipt.



Immunofluorescent staining of PFA-fixed human MCF-7 cells BTF2 p44 antibody (green, clone PCRP-GTF2H2-1B9) and phalloidin (red).



Immunofluorescent staining of PFA-fixed human HeLa cells using BTF2 p44 antibody (green, clone PCRP-GTF2H2-1B9) and phalloidin (red).



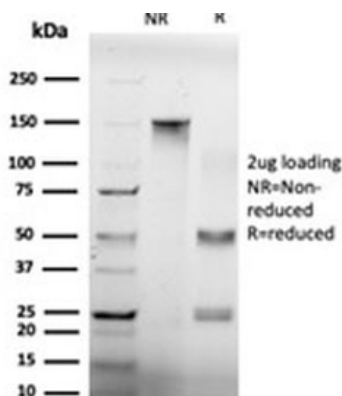
FACS staining of PFA-fixed human HeLa cells with BTF2 p44 antibody (blue, clone PCRP-GTF2H2-1B9), and unstained cells (red).

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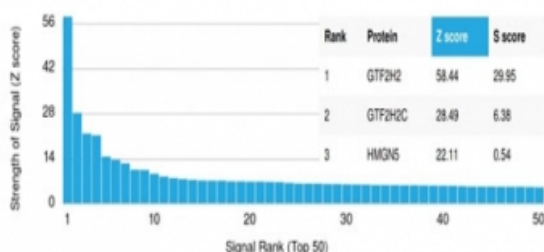
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SDS-PAGE analysis of purified, BSA-free BTF2 p44 antibody (clone PCR-P-GTF2H2-1B9) as confirmation of integrity and purity.

Human Protein Microarray Specificity Validation



Analysis of HuProt (TM) microarray containing more than 19000 full-length human proteins using BTF2 p44 antibody (clone PCR-P-GTF2H2-1B9). These results demonstrate the foremost specificity of the PCR-P-GTF2H2-1B9 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt (TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

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