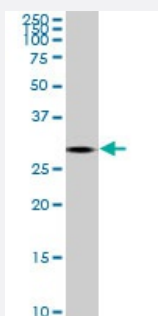


TGIF2 monoclonal antibody (M01), clone 4C10

Catalog # H00060436-M01

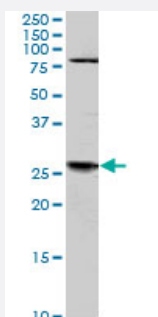
Size 100 ug

Applications



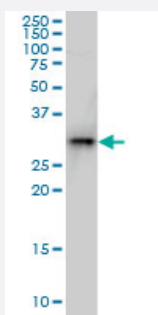
Western Blot (Cell lysate)

TGIF2 monoclonal antibody (M01), clone 4C10. Western Blot analysis of TGIF2 expression in A-431 (Cat # L015V1).



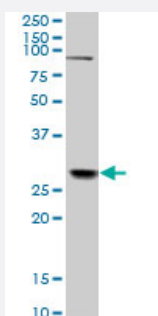
Western Blot (Cell lysate)

TGIF2 monoclonal antibody (M01), clone 4C10. Western Blot analysis of TGIF2 expression in IMR-32 (Cat # L008V1).



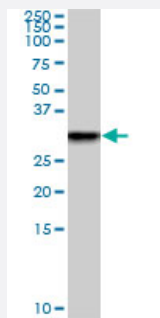
Western Blot (Cell lysate)

TGIF2 monoclonal antibody (M01), clone 4C10 Western Blot analysis of TGIF2 expression in HeLa S3 NE (Cat # L013V3).



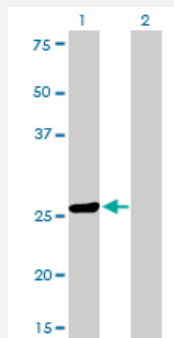
Western Blot (Cell lysate)

TGIF2 monoclonal antibody (M01), clone 4C10. Western Blot analysis of TGIF2 expression in SW-13 (Cat # L005V1).



Western Blot (Cell lysate)

TGIF2 monoclonal antibody (M01), clone 4C10. Western Blot analysis of TGIF2 expression in Y-79 (Cat # L042V1).

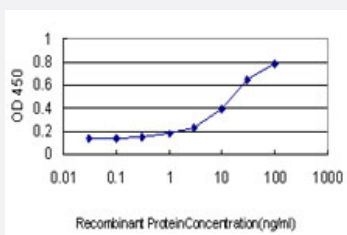


Western Blot (Transfected lysate)

Western Blot analysis of TGIF2 expression in transfected 293T cell line by TGIF2 monoclonal antibody (M01), clone 4C10.

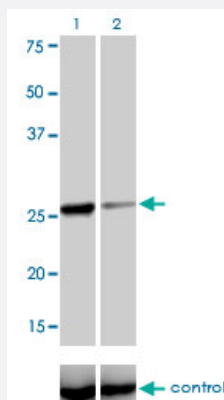
Lane 1: TGIF2 transfected lysate(25.9 kDa).

Lane 2: Non-transfected lysate.



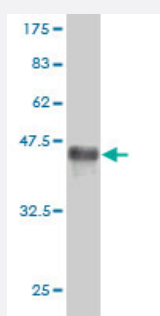
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TGIF2 is approximately 0.3ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of TGIF2 over-expressed 293 cell line, cotransfected with TGIF2 Validated Chimera RNAi (Cat # H00060436-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TGIF2 monoclonal antibody (M01), clone 4C10 (Cat # H00060436-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (37.4 kDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TGIF2.
Immunogen	TGIF2 (NP_068581, 131 a.a. ~ 236 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SMPLHSGQGGEKPAAPFPRGELESPKPLVTPGSTLTLLTRAEAGSPTGGLFNTPPPTPPEQDKED FSSFQLLVEVALQRAAEMELQKQQDPSLPLLHTPIPLVSENP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.4 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

TGIF2 monoclonal antibody (M01), clone 4C10. Western Blot analysis of TGIF2 expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

TGIF2 monoclonal antibody (M01), clone 4C10. Western Blot analysis of TGIF2 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

TGIF2 monoclonal antibody (M01), clone 4C10 Western Blot analysis of TGIF2 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

TGIF2 monoclonal antibody (M01), clone 4C10. Western Blot analysis of TGIF2 expression in SW-13 (Cat # L005V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

TGIF2 monoclonal antibody (M01), clone 4C10. Western Blot analysis of TGIF2 expression in Y-79 (Cat # L042V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TGIF2 expression in transfected 293T cell line by TGIF2 monoclonal antibody (M01), clone 4C10.

Lane 1: TGIF2 transfected lysate(25.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TGIF2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of TGIF2 over-expressed 293 cell line, cotransfected with TGIF2 Validated Chimera RNAi (Cat # H00060436-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TGIF2 monoclonal antibody (M01), clone 4C10 (Cat # H00060436-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — TGIF2

Entrez GeneID [60436](#)**GeneBank Accession#** [NM_021809](#)**Protein Accession#** [NP_068581](#)**Gene Name** TGIF2**Gene Alias** -**Gene Description** TGFB-induced factor homeobox 2**Omim ID** [607294](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The protein encoded by this gene is a DNA-binding homeobox protein and a transcriptional repressor. The encoded protein appears to repress transcription by recruiting histone deacetylases to TGF beta-responsive genes. This gene is amplified and overexpressed in some ovarian cancers, and mutations in this gene can cause holoprosencephaly. [provided by RefSeq]

Other Designations 5'-TG-3' interacting factor 2|OTTHUMP00000030848|OTTHUMP00000030849|TGF(beta)-induced transcription factor 2|TGFB-induced factor 2 (TALE family homeobox)|homeobox protein TGIF2|transcription growth factor-beta-induced factor 2