

## Anti-TMEFF2 Antibody (6B455)

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 41 kDa. Actual: 44 kDa.
Clone:	6B455
Purification:	Protein A purified

## Applications

## Verified Activity:

1. 25 ug total protein per lane of various lysates (see on figure) probed with TMEFF2 monoclonal antibody, unconjugated (TMAB-13585) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.

2. The SH-SY5Y (H) cells were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-TMEFF2 antibody (TMAB-13585, 1: 100); Isotype Control (orange): Rabbit IgG. Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488 (BF488): 1 µg/test. Blank control (black): PBS. Acquisition of 20,000 events was performed.

3. Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TMEFF2 Monoclonal Antibody, Unconjugated (TMAB-13585) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

4. Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TMEFF2 Monoclonal Antibody, Unconjugated (TMAB-13585) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

5. Paraformaldehyde-fixed, paraffin embedded Human Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TMEFF2 Monoclonal Antibody, Unconjugated (TMAB-13585) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.

6. Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TMEFF2 Monoclonal Antibody, Unconjugated (TMAB-13585) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (red, Goat Anti-Rabbit IgG H&L-BF594), DAPI (blue) was used to stain the cell nuclei.

Application: WB,IHC-P,IHC-Fr,ICC/IF,IF,FCM

## A DRUG SCREENING EXPERT

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Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:50-200; IF: 1:100-500; FCM: 1:50-100

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### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: A synthesized peptide: human TR 2

Antigen Species: Human

Gene ID: 23671

Uniprot ID: Q9UIK5

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### Research Background

May be a survival factor for hippocampal and mesencephalic neurons. The shedded form up-regulates cancer cell proliferation, probably by promoting ERK1/2 phosphorylation.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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