



# T22D3 Monoclonal Antibody

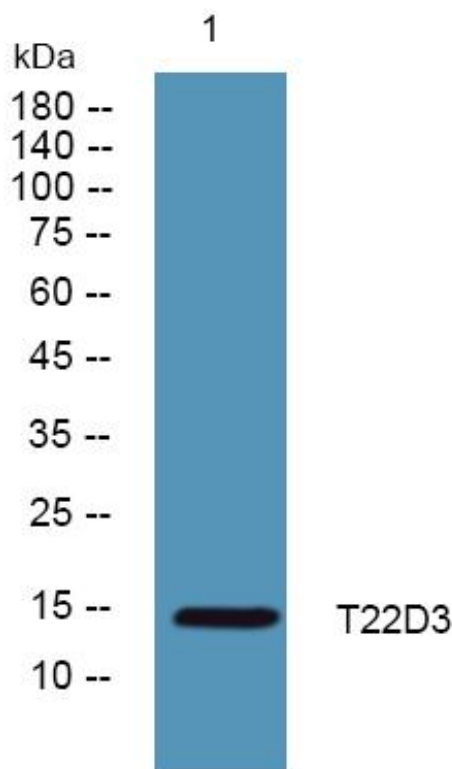
<b>Catalog No</b>	BYmab-06556
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	TSC22D3 DSIPI GILZ
<b>Protein Name</b>	TSC22 domain family protein 3 (DSIP-immunoreactive peptide) (Protein DIP) (hDIP) (Delta sleep-inducing peptide immunoreactor) (Glucocorticoid-induced leucine zipper protein) (GILZ) (TSC-22-like protei
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	T22D3 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	14kD
<b>Cell Pathway</b>	[Isoform 1]: Cytoplasm . Nucleus . Localization depends on differentiation status of myoblasts. In undifferentiated myoblasts, isoform 1 localizes to the cytoplasm, but in differentiating myoblasts, isoform 1 is localized to the nucleus (By similarity). .
<b>Tissue Specificity</b>	Expressed in brain, lung, spleen and skeletal muscle. Lower levels detected in heart and kidney. Not detected in the pancreas. In non-lymphoid tissues, in the absence of inflammation, the major source of constitutive expression is the macrophage lineage. Also expressed in cells from different hemopoietic cell lineages, including bone marrow cells, CD34+ stem cells, mature B- and T-cells, monocytes and granulocytes. Down-regulated in activated macrophages from inflammatory lesions of delayed-type hypersensitivity (DTH) reactions, such as in tuberculosis and in Crohn disease, whereas in Burkitt lymphoma, persists in macrophages involved in the phagocytosis of apoptotic malignant cells.

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<b>Function</b>	domain:The leucine-zipper is involved in homodimerization.,function:Plays a role as a mediator of e2f1-induced apoptosis in the absence of tp53/p53.,function:Protects T-cells from IL2 deprivation-induced apoptosis through the inhibition of FOXO3A transcriptional activity that leads to the down-regulation of the pro-apoptotic factor BCL2L11. In macrophages, plays a role in the anti-inflammatory and immunosuppressive effects of glucocorticoids and IL10. In T-cells, inhibits anti-CD3-induced NFKB1 nuclear translocation. In vitro, suppresses AP1 and NFKB1 DNA-binding activities.,induction:By glucocorticoids in lymphoid cells and upon IL4, IL10, IL13 or glucocorticoid treatment in monocyte/macrophage cells. Transiently induced by IL2 deprivation in T-cells.,induction:Up-regulated in the mitochondria by E2F1 after addition of 4-hydroxytamoxifen (at protein level).,similarity:Belongs to the TSC
<b>Background</b>	This gene encodes the anti-inflammatory protein glucocorticoid (GC)-induced leucine zipper. Expression of this gene stimulated by glucocorticoids and interleukin 10 and it appears to play a key role in the anti-inflammatory and immunosuppressive effects of this steroid. This protein has also been shown to inhibit pro-inflammatory molecules including nuclear factor &#954;B. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using T22D3 Monoclonal Antibody

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