

Rat GILZ Monoclonal Antibody | anti-GILZ antibody

GILZ antibody

CATALOG # AAA108142	HOST Rat	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

GILZ; Monoclonal Antibody; GILZ antibody; Monoclonal GILZ; Anti-GILZ; TSC22D3; Glucocorticoid-Induced Leucine Zipper; anti-GILZ antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a kappa
Clone Number	CFMKG15
Purity/Purification	GILZ antibody was purified by affinity chromatography.
Form/Format	Liquid supplied in aqueous buffer with 0.09% sodium azide, may contain carrier protein/stabilizer.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	134
Applicable Applications for anti-GILZ antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	GILZ is a leucine-zipper-containing protein that is induced by glucocorticoids. It is expressed in mast cells, monocytes, macrophages, dendritic cells, and T cells. GILZ has been shown to inhibit production of IL-2 as well as TCR-driven upregulation of FasL. GILZ mediates these changes in transcription, at least in part, by inhibiting DNA-binding of the transcription factors AP-1 and NF-kappaB. GILZ has also been shown to mediate anti-inflammatory signals in macrophages and dendritic cells by interfering with NF-kappaB-mediated signaling. Although GILZ has been reported to localize to the nucleus, more recent reports as well as testing at science have observed predominantly cytoplasmic staining.
Preparation and Storage	Store at 4 degree C. Do not freeze. Protect from light.

IMAGES



WB (Western Blot)

Left: Western Blot analysis of mouse thymocytes cultured without (Lane 1) or with (Lane 2) dexamethasone for 3 hr. using GILZ antibody (10 ug/ml), followed by Rat IgG HRP antibody.

Right: Western Blot analysis of normal human peripheral blood cells cultured without (Lane 1) or with (Lane 2) dexamethasone for 3 hr. using GILZ antibody (10 ug/ml), followed by Rat IgG HRP antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GILZ antibody	Rat monoclonal GILZ antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11527559
NCBI GeneID	1831
Molecular Weight	13,286 Da
NCBI Official Full Name	GILZ
NCBI Official Synonym Full Names	TSC22 domain family, member 3
NCBI Official Symbol	TSC22D3
NCBI Official Synonym Symbols	DIP; GILZ; hDIP; DSIPI; TSC-22R
NCBI Protein Information	TSC22 domain family protein 3
UniProt Protein Name	TSC22 domain family protein 3
UniProt Gene Name	TSC22D3
UniProt Synonym Gene Names	DSIPI; GILZ; Protein DIP; hDIP; GILZ; TSC-22R
UniProt Entry Name	T22D3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gilz-antibody-clone-cfmkg15-western-blot-immunohistochemistry-flow-cytometry-elisa/108142>