

Anti-GRA2 Antibody

Mouse Monoclonal Antibody

Catalog # ABV12029

Product Information

Application	WB, IF
Primary Accession	P13404
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	TG 17.179
Calculated MW	19843

Additional Information

Other Names	Dense granule protein 2, GRA 2, 28 kDa antigen, GP28.5
Target/Specificity	GRA2
Antibody Form	Liquid
Appearance	Colorless liquid
Formulation	PBS pH 7,4 (NaCl 137mM - KCl 2,7mM - Na ₂ HPO ₄ 10mM - KH ₂ PO ₄ 2mM)
Handling	The antibody solution should be gently mixed before use.
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-GRA2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GRA2
Function	Major granular component involved in excreted-secreted antigen (ESA) immunity. Possibly acts in conjunction with GRA1.
Cellular Location	Parasitophorous vacuole. Note=Located in dense granules of tachyzoites. Upon infection, secreted, in a Ca(2+)- dependent manner, into the parasitophorous vacuole (PV) and targeted to the microvillus membranous network

Background

Antibody directed against the GRA2 protein from the intracellular protozoan parasite *Toxoplasma gondii*. The protein is distributed within the dense granules secretory organelles and within the parasitophorous vacuole where it associates with the membranous nanotubular network. The protein also localizes in the cyst wall.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.