

**Anti-GRA2 Antibody**  
**Mouse Monoclonal Antibody**  
**Catalog # ABV12029****Specification****Anti-GRA2 Antibody - Product Information**

Application	<b>WB, IF</b>
Primary Accession	<a href="#">P13404</a>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>Mouse IgG1</b>

**Anti-GRA2 Antibody - 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<sub>2</sub>HPO<sub>4</sub> 10mM - KH<sub>2</sub>PO<sub>4</sub> 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.

**Anti-GRA2 Antibody - Protein Information**

**Name** GRA2

**Anti-GRA2 Antibody - 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.

**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

**Anti-GRA2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)