

Toxoplasma gondii P30 Monoclonal Antibody (P30/3)

Product Details

Size	200 µg
Species Reactivity	Protozoa
Published Species	Protozoa, Mouse
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	P30/3
Conjugate	Unconjugated
Immunogen	Purified T. gondii P30 antigen.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	<0.1% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_935764

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunocytochemistry (ICC/IF)	-	1 Publication
ELISA (ELISA)	Assay-dependent	-

Product Specific Information

Mouse anti Toxoplasma gondii p30 antibody, clone TP3 recognizes the Toxoplasma gondii P30 membrane protein, found in extra and intracellular tachyzoites as well as being a component of the parasitophorous vacuole membrane, so named due to it's similar appearance under the microscope.

Immunohistochemistry (Frozen) (1)

eLife

Blood-brain barrier-restricted translocation of *Toxoplasma gondii* from cortical capillaries.

"MA1-83499 was used in Immunohistochemistry-immunofluorescence to reveal that the initial passage of *T. gondii* to the central nervous system occurs principally across cortical capillaries and that the integrity of the microvascular BBB restricts parasite transit, which conversely is exacerbated by the inflammatory response."

Authors: Olivera GC,Ross EC,Peuckert C,Barragan A

Year
2021

Species
Mouse

Dilution
1:50

Immunocytochemistry (1)

Journal of cell science

TIMP-1 promotes hypermigration of *Toxoplasma*-infected primary dendritic cells via CD63-ITGB1-FAK signaling.

"MA1-83499 was used in Immunocytochemistry to demonstrate that secreted TIMP-1 and its ligand CD63 are required for the onset of hypermotility in DCs challenged with *T. gondii*."

Authors: Ólafsson EB,Ross EC,Varas-Godoy M,Barragan A

Year
2019

Species
Protozoa

Dilution
1:1,000

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