GAPDH antibody [6C5]

Cat. No. GTX28245

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IP
Reactivity	Human, Mouse, Rat, Rabbit, Cat, Dog, Pig, Fish

References (42)
Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IP	Assay dependent

Not tested in other applications.

Calculated MW 36 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4ºC.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Rabbit muscle GAPDH
Purification	Protein A purified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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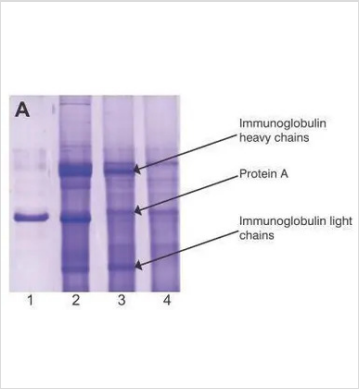
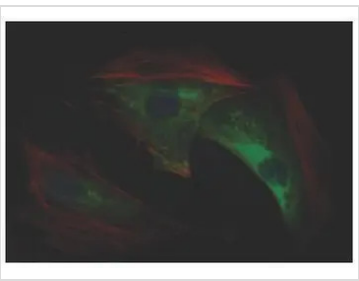
DATA IMAGES



GTX28245 IP Image

Immunoprecipitation of GAPDH from rat heart extract using anti-GAPDH MAb 6C5(GTX28245) (A). Mixture of protein A-Sepharose with anti-GAPDH MAbs and tissue extract was incubated for 30 min at room temperature and precipitated by centrifugation. Pellet was washed with PBS, suspended in reducing electrophoresis sample buffer and heated for 5 minutes at 100 oC. After centrifugation supernatant was loaded on gel and proteins were separated by SDS electrophoresis.
Lane 1: Human GAPDH (1 µg)
Lane 2: GAPDH immunoprecipitated from rat heart tissue extract
Lane 3: Only GTX28245 preincubated with Protein A Sepharose
Lane 4: Only Protein A Sepharose

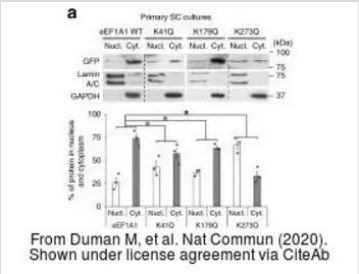


GTX28245 ICC/IF Image

Immunostaining of GAPDH in A-10 cell line (rat aortic smooth muscle cells). Cells were fixed by formalin and GAPDH was stained by:
GTX28245 (green colour)
F-actin microfilaments-bindingdye (red)
DNA-binding dye (dark blue)

GTX28245 WB Image

Heart extracts were prepared from different animal species. About 0.5 mg of homogenized wet cardiac tissue per track was loaded.
Lane 1: isolated human GAPDH, 0.5 µg
Lane 2: human heart tissue extract
Lane 3: pig heart tissue extract
Lane 4: goat heart tissue extract
Lane 5: bovine heart tissue extract
Lane 6: dog heart tissue extract
Lane 7: mouse heart tissue extract
Lane 8: rat heart tissue extract
Lane 9: rabbit heart tissue extract



GTX28245 WB Image

The data was published in the journal Nat Commun in 2020.PMID: 32647127

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