C4d antibody [16D2]

Cat. No. GTX54391

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, IHC-Fr, IP, ELISA
Reactivity	Mouse

References (1)
Package
50 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-Fr	Assay dependent
IP	Assay dependent
ELISA	Assay dependent

Note : A non-reduced sample treatment and SDS-Page was used.
Spleens were snap frozen and stored at -80ºC until cryosections were cut. Sections (5 µm) were fixed for 4 min in ice-cold acetone. Sections were blocked with 2% BSA, 2% FCS, and PBS.
Plates were coated overnight with rat anti-murine C4 mAb 16D2 in carbonate buffer and blocked with 5% dry milk in PBS and 0.01% Tween 20.

Not tested in other applications.

Calculated MW	193 kDa. (Note)
Product Note	The monoclonal antibody 16D2 reacts with intact C4, C4b and C4d.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4ºC.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Thymocytes decorated with Thy-1 antibody and complement components
Purification	Purified IgG2a

For full product information, images and publications, please visit our website.

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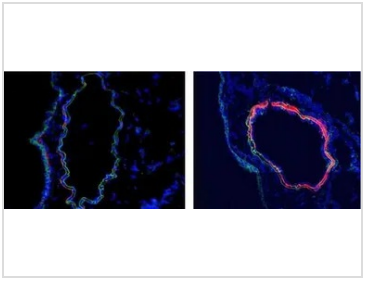
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX54391 IHC-Fr Image

IHC-Fr analysis of mouse pulmonary artery of control (left) and mouse with hypoxia-induced pulmonary hypertension (right) using GTX54391 C4d antibody [16D2].
Red : Primary antibody
Green : autofluorescence of elastic lamellae defining vascular media
Blue : Nuclei staining

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