



Mouse anti-Human CFHR5 monoclonal antibody, clone 400624 (CABT-B9394)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Mouse myeloma cell line NS0-derived recombinant human Complement Factor H-related 5/CFHR5 Glu19-Glu569
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	400624
Purification	Protein A/G
Conjugate	Unconjugated
Applications	IM, WB
Format	Lyophilized
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS with 5% trehalose
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction

This gene is a member of a small complement factor H (CFH) gene cluster on chromosome 1. Each member of this gene family contains multiple short consensus repeats (SCRs) typical of regulators of complement activation. The protein encoded by this gene has nine SCRs with the first two repeats having heparin binding properties, a region within repeats 5-7 having heparin binding and C reactive protein binding properties, and the C-terminal repeats being similar to a complement component 3 b (C3b) binding domain. This protein co-localizes with C3, binds C3b in a dose-dependent manner, and is recruited to tissues damaged by C-reactive protein. Allelic variations in this gene have been associated, but not causally linked, with two different forms of kidney disease: membranoproliferative glomerulonephritis type II (MPGNII) and hemolytic uraemic syndrome (HUS). [provided by RefSeq, Jan 2010]

Keywords

CFHR5; complement factor H-related 5; FHR5; CFHL5; FHR-5; CFHR5D; complement factor H-related protein 5; factor H-related protein 5;

GENE INFORMATION

Entrez Gene ID

[81494](#)

UniProt ID

[Q9BXR6](#)