.-online.com antibodies

Datasheet for ABIN7193351 anti-FUT3 antibody (AA 199-361)

4 Images



Overview

Quantity:	0.1 mg			
Target:	FUT3			
Binding Specificity:	AA 199-361			
Reactivity:	Human			
Host:	Mouse			
Clonality:	Monoclonal			
Conjugate:	This FUT3 antibody is un-conjugated			
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)			

Product Details

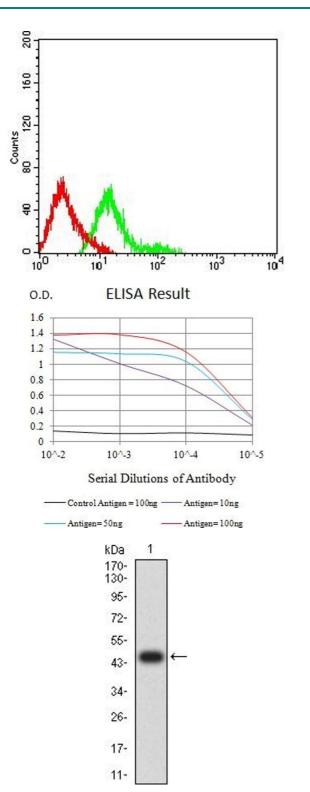
Immunogen:	Purified recombinant fragment of human CD174 (AA: 199-361) expressed in E. coli.		
Clone:	1F8G5C7		
Isotype:	lgG1		
Purification:	purified		

Target Details

Target:	FUT3
Alternative Name:	CD174 (FUT3 Products)
Background:	Description: The Lewis histo-blood group system comprises a set of fucosylated

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7193351 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

	glycosphingolipids that are synthesized by exocrine epithelial cells and circulate in body fluids.			
	The glycosphingolipids function in embryogenesis, tissue differentiation, tumor metastasis,			
	inflammation, and bacterial adhesion. They are secondarily absorbed to red blood cells giving			
	rise to their Lewis phenotype. This gene is a member of the fucosyltransferase family, which			
	 catalyzes the addition of fucose to precursor polysaccharides in the last step of Lewis antigen biosynthesis. It encodes an enzyme with alpha(1,3)-fucosyltransferase and alpha(1,4)- fucosyltransferase activities. Mutations in this gene are responsible for the majority of Lewis antigen-negative phenotypes. Multiple alternatively spliced variants, encoding the same protein, 			
	have been found for this gene. [provided by RefSeq, Jul 2008]			
	Aliases: FUT3, LE, Les, FT3B, FucT-III			
Molecular Weight:	42.1 kDa			
Gene ID:	2525			
Application Details				
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A			
Restrictions:	For Research Use only			
Handling				
Buffer:	Purified antibody in PBS with 0.05 % sodium azide			
Preservative:	Sodium azide			
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which			
	should be handled by trained staff only.			
Storage:	4 °C/-20 °C			
Storage Comment:	4°C, -20°C for long term storage			



Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using CD174 mouse mAb (green) and negative control (red).

ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Western Blotting						
Image 3. Western blot analysis using CD174 mAb against						
human CD17	4 (AA: 19	99-361)	recombinant	protein.		
(Expected MW is 45.5 kDa)						

Please check the product details page for more images. Overall 4 images are available for ABIN7193351.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7193351 | 09/09/2023 | Copyright antibodies-online. All rights reserved.