

Datasheet for ABIN7604371 **anti-CD97 antibody**

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Overview

Quantity:	100 µL
Target:	CD97
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD97 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-CD97 Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human CD97 Receptor potentially involved in both adhesion and signaling processes early after leukocyte activation. Plays an essential role in leukocyte migration.
Clone:	ADEF-3
Isotype:	IgG
Characteristics:	Anti-CD97 Monoclonal Antibody (ABIN7604371). Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse.
Purification:	Affinity-chromatography

Target Details

Target:	CD97
Alternative Name:	CD97 (CD97 Products)
Background:	Synonyms: Golgi membrane protein 1,Golgi membrane protein GP73,Golgi phosphoprotein 2,GOLM1,C9orf155, GOLPH2,PSEC0242, UNQ686/PRO1326, Tissue Specificity: Widely expressed. Highly expressed in colon, prostate, trachea and stomach. Expressed at lower level in testis, muscle, lymphoid tissues, white blood cells and spleen. Predominantly expressed by cells of the epithelial lineage. Expressed at low level in normal liver. Expression significantly increases in virus (HBV, HCV) infected liver. Expression does not increase in liver disease due to non-viral causes (alcohol-induced liver disease, autoimmune hepatitis). Increased expression in hepatocytes appears to be a general feature of advanced liver disease. In liver tissue from patients with adult giant-cell hepatitis (GCH), it is strongly expressed in hepatocytes-derived syncytial giant cells. Constitutively expressed by biliary epithelial cells but not by hepatocytes. .
Molecular Weight:	28 kDa
UniProt:	P48960

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
Preservative:	Sodium azide

Handling

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:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.