

Datasheet for ABIN7605788

anti-OGT antibody



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Overview

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

Product Details

Purpose:	Anti-OGT Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human OGT / O-Linked N-Acetylglucosamine Transferase Addition of nucleotide-activated sugars ly onto the polypeptide through O-glycosidic linkage with the hydroxyl of serine or threonine. Mediates the O-glycosylation of MLL5 and HCFC1. Promotes proteolytic maturation of HCFC1.
Clone:	AEDG-15
Isotype:	IgG
Characteristics:	Anti-OGT Monoclonal Antibody (ABIN7605788). Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Purification:	Affinity-chromatography

Target Details

Target:	OGT
Alternative Name:	OGT (OGT Products)
Background:	Synonyms: Integrin alpha-4,CD49 antigen-like family member D,Integrin alpha-IV,VLA-4 subunit alpha,CD49d,ITGA4,CD49D, Tissue Specificity: Highly expressed in ovary and in peripheral blood leukocytes, especially in monocytes, less in CD11c+ immature dendritic cells. Also detected in prostate and testis.
Molecular Weight:	501 kDa
UniProt:	O15294
Pathways:	Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 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
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.