

Recombinant Anti-SORT1 Antibody (V3S-1222-YC1054)

Cat. No.: V3S-1222-YC1054

Summary

Description	This product is a recombinant Human antibody provided by Creative Biolabs. The antibody is specific for SORT1. It can be used for SORT1 detection in Inhibition Assay, Flow Cytometry and Enzyme-Linked Immunosorbent Assay. It was expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Human
Target Species	Human
Isotype	IgG
Isotype Control	C34555
Secondary Antibody	C32400; C75370; C10513; C51635

Property

Expression Species	HEK293F or CHO cell line
Conjugation	Unconjugated, also available for Biotin, HRP, FITC and PE-labeled form.
Purity	>95%, determined by SDS-PAGE and SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Purified with Protein A or G affinity chromatography
Sterility	0.2 µM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Application	Inhib; FC; ELISA
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Target

Target	SORT1
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Alternative Name	SORT1
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Gene ID	6272
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Introduction	Sortilin (SORT1) is a protein that in humans is encoded by the SORT1 gene on chromosome 1. This protein is a type I membrane glycoprotein in the vacuolar protein sorting 10 protein (Vps10p) family of sorting receptors. While it is ubiquitously expressed in many tissues,[6] sortilin is most abundant in the central nervous system.
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