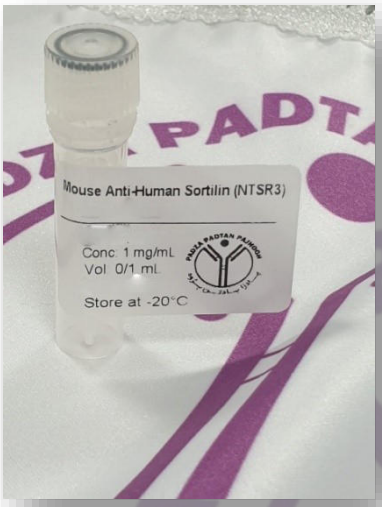
Product Datasheet



Mouse Anti-Human NTSR3/Sortilin

Overview

Product number	**PDZMM125**
Host species	Mouse
Target species	Human
Suitable for:	IHC-P, WB, ELISA, Immunomicroscopy, Dot blot, ICC, IHC-Fr

Immunogen A KLH-conjugated synthetic peptide derived from human Neurotensin receptor type 3 (Sortilin) protein was used for immunization.

Conjugation Unconjugated

Properties

Form Liquid

Storage instructions Shipped at 4 °C. Store at -20 °C. Avoid freeze/thaw cycle. Please see notes section.

Storage buffer Phosphate buffered saline pH 7.4, contains stabilizer and ≤0.09% sodium azide.

Purity immunogen affinity or SpG purified

Purification notes This product was prepared by immunoaffinity chromatography using immunogen peptide coupled to Sepharose 4B.

Conjugation notes -

Clonality Monoclonal

Isotype IgG

General notes For extended storage aliquot contents and freeze at -20 °C or below. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 °C as an undiluted liquid. Dilute only prior to immediate use.
Our customer's feedback says the antibody worked great. If in case the antibody fails to give results then please contact our scientific support team for assistance.

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end-user.

Product Usage Information:
Application Dilutions

Western Blotting	3-5 ug/ml
Immunohistochemistry (Paraffin)	5-10 ug/ml
Immunohistochemistry (Frozen)	5-10 ug/ml
Immunofluorescence	5-10 ug/ml
Flow Cytometry	5-10 ug/ml

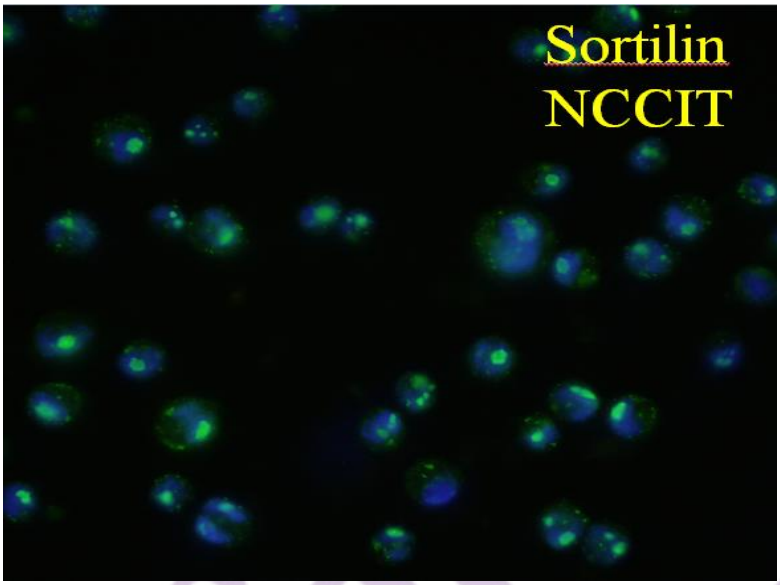
Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Background:
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, sortilin is most abundant in the central nervous system. At the cellular level, sortilin functions in protein transport between the Golgi apparatus, endosome, lysosome, and plasma membrane, leading to its involvement in multiple biological processes such as glucose and lipid metabolism as well as neural development and cell death. Moreover, the function and role of sortilin is now emerging in several major human diseases such as atherosclerosis and coronary artery disease, Alzheimer's disease, and cancer. The SORT1 gene also contains one of 27 loci associated with increased risk of coronary artery disease.

Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at –20°C. After receiving aliquot the antibody and store at –20°C.

Terms and conditions
Guarantee only valid for products bought direct from PADZA or one of our authorized distributors

References:



Note: This product has originally been developed at Avicenna Research Institute, Tehran, IRAN and assigned to PADZA Company according to contract 98/15/191dated 98/01/10.