

Datasheet for ABIN6252824 **anti-SLC25A21 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SLC25A21 (Slc25a21)
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SLC25A21 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant human ODC-1 protein was used as the immunogen for this antibody.
Clone:	ODC1-485
Isotype:	IgG1 kappa
Purification:	Protein G affinity chromatography

Target Details

Target:	SLC25A21 (Slc25a21)
Alternative Name:	ODC-1 (Slc25a21 Products)
Background:	This antibody recognizes a 53 kDa protein, identified as the Ornithine Decarboxylase. ODC-1 is the initial and rate-limiting enzyme in the biosynthetic pathway of polyamines and is involved in the conversion of ornithine to putrescine. The biological activity of ODC-1 is rapidly induced in

Target Details

response to virtually all agents known to promote cell proliferation including hormones, drugs, growth factors, mitogens, and tumor promoters. Reportedly, ODC-1 mRNA levels are elevated in lung carcinomas as well as in colon adenomas and carcinomas. Activity in colorectal carcinomas is greater than those in adenomas and normal mucosa.

Gene ID:	4953
UniProt:	P11926
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Flow Cytometry: 0.5-1 µg/million cells
	IF: 0.5-1 µg/mL
	WB: 0.5-1 µg/mL
	IHC (FFPE): 0.5-1 µg/mL for 30 minutes at RT (1)
	Prediluted format : incubate for 30 min at RT (2)
	The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titered up or down for optimal performance.
	1. Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.
	2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	PBS with 0.1 mg/mL BSA and 0.05 % sodium azide

Handling

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:	-20 °C
Storage Comment:	Aliquot and Store at -20C. Avoid freez-thaw cycles.