

Product Datasheet

Recombinant Ornithine Decarboxylase Antibody / ODC1 (orb2634953)

Catalog Number	orb2634953
Category	Antibodies
Description	Recognizes a 51-53kDa protein, identified as the Ornithine Decarboxylase (ODC-1). ODC 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 response to virtually all agents known to promote cell proliferation including hormones, drugs, growth factors, mitogens, and tumor promoters. Reportedly, ODC mRNA levels are elevated in lung carcinomas as well as in colon adenomas and carcinomas. ODC activity in colorectal carcinomas is greater than those in adenomas and normal mucosa.
Clonality	Recombinant
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Immunogen	Recombinant full-length human protein was used as the immunogen for the recombinant Ornithine Decarboxylase antibody.
UniProt ID	P11926
Tested applications	ELISA, WB
Dilution range	ELISA (order BSA-free format for coating), Western blot: 1-2ug/ml
Application notes	Optimal dilution of the recombinant Ornithine Decarboxylase antibody should be determined by the researcher.

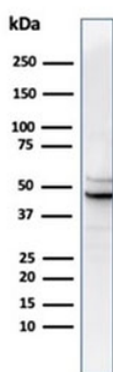
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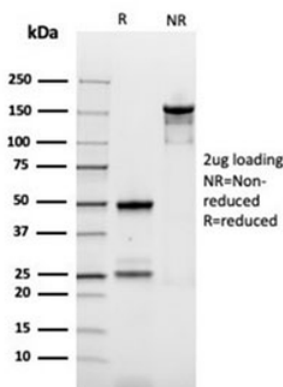
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Antibody Type	Primary Antibody
Clone Number	rODC1/487
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only



Western blot analysis of human PC3 cell lysate using recombinant Ornithine Decarboxylase antibody (clone rODC1/487). Predicted molecular weight ~51 kDa.



SDS-PAGE analysis of purified, BSA-free recombinant Ornithine Decarboxylase antibody (clone rODC1/487) as confirmation of integrity and purity.

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