

## Product datasheet for **AM20652PU-N**

### Ornithine Decarboxylase (ODC1) Mouse Monoclonal Antibody [Clone ID: ODC-22]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	ODC-22
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 4 µg/ml. Immunohistochemistry on paraffin sections: 8 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant mouse ornithine decarboxylase.
Specificity:	This antibody reacts to Ornithine decarboxylase.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ornithine decarboxylase 1
Database Link:	<a href="#">Entrez Gene 4953 Human P11926</a>



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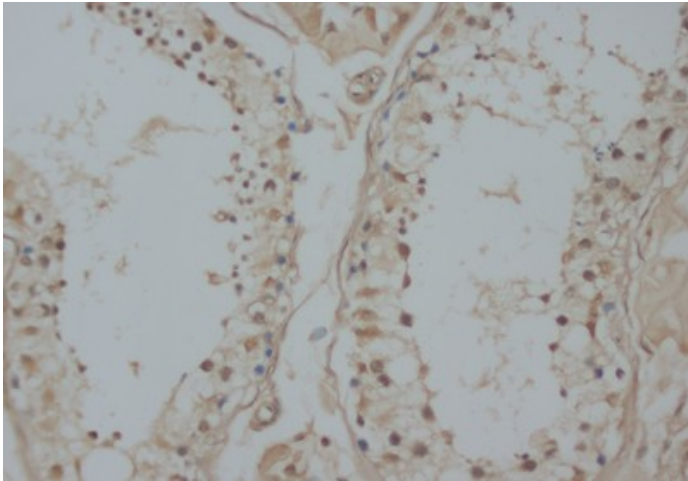
**Background:** Ornithine decarboxylase (ODC), the first enzyme in polyamine synthesis, is a transcriptional target of YC and a modifier of APC -dependent tumorigenesis. It is located to 2p25. There is considerable genetic homology between a region of mouse chromosome 12 and the distal short arm of human chromosome 2. Complete amino acid sequence of human ornithine decarboxylase deduced from complementary DNA.

**Synonyms:** ODC, ODC1

**Protein Families:** Druggable Genome

**Protein Pathways:** Arginine and proline metabolism, Glutathione metabolism, Metabolic pathways

**Product images:**



Immunohistochemistry on human testicle sections