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Product Datasheet

ODC Antibody / Ornithine Decarboxylase, Clone: [ODC1/486], Mouse, Monoclonal NSJ-V2769-20UG

Article Name	ODC Antibody / Ornithine Decarboxylase, Clone: [ODC1/486], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2769-20UG
Supplier Catalog Number	V2769-20UG
Alternative Catalog Number	NSJ-V2769-20UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant human protein was used as the immunogen for the ODC antibody.
Product Description	Recognizes a 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...
Clonality	Monoclonal
Clone Designation	[ODC1/486]
UniProt	P11926
Purity	Protein G affinity chromatography

Form	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Antibody Type	Primary Antibody
Application Dilute	Flow cytometry: 0.5-1ug/million cells,Immunofluorescence: 0.5-1ug/ml,Western blot: 0.5-1ug/ml,Immunohistochemistry (FFPE): 0.25-0.5ug/ml for 30 min at RT
Application Notes	Optimal dilution of the ODC antibody should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min2. 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.