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Product Datasheet

AKR1B1 Antibody / Aldose reductase, Clone: [CPTC-AKR1B1-2], Mouse, Monoclonal NSJ-V3987-100UG

Article Name	AKR1B1 Antibody / Aldose reductase, Clone: [CPTC-AKR1B1-2], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V3987-100UG
Supplier Catalog Number	V3987-100UG
Alternative Catalog Number	NSJ-V3987-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	IF, IHC-P, WB
Species Reactivity	Human
Immunogen	Recombinant protein was used as the immunogen for this AKR1B1 antibody.
Product Description	AKR1B1, also designated as aldose reductase, is a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This protein catalyzes the reduction of a number of aldehydes, including the aldehyde form of ...
Clonality	Monoclonal
Clone Designation	[CPTC-AKR1B1-2]
UniProt	P15121
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	Western blot: 0.5-1ug/ml, Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT
Application Notes	The optimal dilution of the AKR1B1 antibody for each application should be determined by the researcher. 1. 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.