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Product Datasheet

CD45 Antibody, Clone: [135-4C5], Mouse, Monoclonal NSJ-V2399-100UG

Article Name	CD45 Antibody, Clone: [135-4C5], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2399-100UG
Supplier Catalog Number	V2399-100UG
Alternative Catalog Number	NSJ-V2399-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P
Species Reactivity	Human
Immunogen	Stimulated human leukocytes were used as the immunogen for the CD45 antibody.
Product Description	CD45, also referred to as CD45R and PTPRC (Protein tyrosine phosphatase receptor type C), has been identified as a transmembrane glycoprotein, broadly expressed among hematopoietic cells. Along with other members of the PTP family, it regulates a num...
Clonality	Monoclonal
Clone Designation	[135-4C5]
UniProt	P08575
Buffer	1X PBS, pH 7.4

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: 1-2ug/10 ⁶ cells, Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application Notes	Due to variation in protocol and secondary antibody used, the CD45 antibody may need to be titrated for optimal performance. 1. FFPE staining requires boiling tissue sections in 10mM 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.