

Anti-Mouse CD45 Antibody (Low endotoxin, Azide free)

Catalog #	Source	Reactivity	Applications
CAP3017	Rat	Mouse	Functional Assay
Description	Rat monoclonal antibody to Mouse CD45, Low endotoxin, Azide free		
Immunogen			
Purification	The antibody was purified by Protein A/G affinity chromatography.		
Specificity	Recognizes endogenous levels of Mouse CD45 protein.		
Clonality	Monoclonal (clone: I3/2.3)		
Conjugation			
Form	Rat IgG2b kappa, liquid in PBS, pH 7.4. Low endotoxin, azide-free formats have low endotoxin level (≤ 1 EU/ml, determined by the LAL assay) and are free from azide, to achieve consistent experimental results in functional assays.		
Dilution			
Gene Symbol	PTPRC		
Alternative Names	CD45; Receptor-type tyrosine-protein phosphatase C; Leukocyte common antigen; L-CA; T200; CD45		
Entrez Gene	19264 (Mouse)		
SwissProt	P06800 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -80°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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