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Product Datasheet

Anti-h PSA 8313 SPTN-5
100488

Product Name	Anti-h PSA 8313 SPTN-5
Catalog Number	100488
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA
Alternative Names	Prostate-specific Antigen, Kallikrein-3 (KLK3), P-30 antigen, gamma-seminoprotein
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	IgG1
Clonality	Monoclonal
Epitope	Amino acids 82–89 (LKNRFLRP)
Purity	≥ 95 %
Affinity constant	KA= 1.3 x 10^{11} 1/M; KD= 7.5 x 10^{-12} M (=0.0075 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	5.7–6.9
Cross Reactivity	Does not recognize PSA-ACT complex or human-kallikrein-2. Others not tested.
Specificity	Antibody recognizes human prostate-specific antigen
Shelf Life	36 months