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## Product Datasheet

### **PSA (Prostate Specific Antigen)(KLK3/801), CF647 conjugate, 0.1mg/mL, Clone: [KLK3/801], Mouse, Monoclonal BOT-BNC470801-100**

Article Name	PSA (Prostate Specific Antigen)(KLK3/801), CF647 conjugate, 0.1mg/mL, Clone: [KLK3/801], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470801-100
Supplier Catalog Number	BNC470801-100
Alternative Catalog Number	BOT-BNC470801-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant full-length human KLK3 protein
Conjugation	CF647
Product Description	Recognizes a single protein of 33-34 kDa, identified as the prostate specific antigen (PSA). This MAb is highly specific to PSA and stains prostatic secretory and ductal epithelium in both normal and neoplastic tissues. PSA is a chymotrypsin-like ser...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[KLK3/801]

Molecular Weight	33-34 kDa
UniProt	<a href="#">P07288</a>
Buffer	PBS, 0.1% BSA, 0.05% azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Immunohistology formalin-fixed 0.25-0.5 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user