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## Product Datasheet

### **Hepatocyte Specific(CPS1/1022), CF647 conjugate, 0.1mg/mL, IgG1, Clone: [CPS1/1022], Mouse, Monoclonal BOT-BNC471022-500**

Article Name	Hepatocyte Specific(CPS1/1022), CF647 conjugate, 0.1mg/mL, IgG1, Clone: [CPS1/1022], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC471022-500
Supplier Catalog Number	BNC471022-500
Alternative Catalog Number	BOT-BNC471022-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Canine, Human
Immunogen	Recombinant human CPS1 protein
Conjugation	CF647
Product Description	This MAb recognizes a protein of 165 kDa, identified as carbamoyl phosphate synthetase 1 (CPS1). This mitochondrial enzyme catalyzes synthesis of carbamoyl phosphate from ammonia and bicarbonate. This reaction is the first committed step of the urea ...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[CPS1/1022]

Molecular Weight	~165 kDa
Isotype	IgG1
UniProt	<a href="#">P31327</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 Immunohistology formalin-fixed 0.25-0.5 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes Immunofluorescence 0.5-1.0 ug/mL Optimal dilution for a specific application should be determined by user