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## Product Datasheet

### **p53(BP53-12 + DO-7), CF647 conjugate, 0.1mg/mL, Clone: [BP53-12 DO-7], Mouse, Monoclonal BOT-BNC470723-100**

Article Name	p53(BP53-12 + DO-7), CF647 conjugate, 0.1mg/mL, Clone: [BP53-12 DO-7], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470723-100
Supplier Catalog Number	BNC470723-100
Alternative Catalog Number	BOT-BNC470723-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Bovine, Human, Monkey
Immunogen	Recombinant human wild-type p53 protein (BP53-12) & Recombinant human wild type p53 protein expressed in E. coli (DO-7)
Conjugation	CF647
Product Description	Recognizes a 53 kDa protein, which is identified as p53 suppressor gene product. It reacts with the mutant as well as the wild form of p53 under denaturing and non-denaturing conditions. Its epitope maps within the N-terminus (aa 20-25) of p53 oncopr...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[BP53-12 DO-7]

Molecular Weight	53 kDa
UniProt	<a href="#">P04637</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 Western blotting 0.5-1.0 ug/mL Optimal dilution for a specific application should be determined by user