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## Product Datasheet

### **p53(BP53-12), CF647 conjugate, 0.1mg/mL, IgG2a, Clone: [BP53-12], Mouse, Monoclonal BOT-BNC470013-100**

Article Name	p53(BP53-12), CF647 conjugate, 0.1mg/mL, IgG2a, Clone: [BP53-12], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470013-100
Supplier Catalog Number	BNC470013-100
Alternative Catalog Number	BOT-BNC470013-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC, WB
Species Reactivity	Canine, Gallus, Hamster, Human, Monkey
Immunogen	Recombinant human wild-type p53 protein
Conjugation	CF647
Product Description	This MAb reacts with an N-terminal epitope (aa 16-25) of both wild type and mutated p53. Mutation and/or allelic loss of p53 is one of the causes of a variety of mesenchymal and epithelial tumors. If it occurs in the germ line, such tumors run in fam...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[BP53-12]

Molecular Weight	53 kDa
Isotype	IgG2a
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: 1-2 ug/mL Does not react with mouse or rat, others not known Immunohistology formalin-fixed 0.5-1 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 ug/mL Optimal dilution for a specific application should be determined by user