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## Product Datasheet

### **PAX6(PAX6/1166), 1mg/mL, Clone: [PAX6/1166], Mouse, Monoclonal BOT-BNUM1166-50**

Article Name	PAX6(PAX6/1166), 1mg/mL, Clone: [PAX6/1166], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM1166-50
Supplier Catalog Number	BNUM1166-50
Alternative Catalog Number	BOT-BNUM1166-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant fragment (N-terminus, aa 1-300) of human PAX6 protein
Product Description	Pax genes contain paired domains with strong homology to genes in Drosophila, which are involved in programming early development. Lesions in the Pax-6 gene account for most cases of aniridia, a congenital malformation of the eye, chiefly characteriz...
Clonality	Monoclonal
Concentration	1 mg/mL
Clone Designation	[PAX6/1166]
Molecular Weight	47 kDa
UniProt	<a href="#">P26367</a>

Buffer	PBS, no BSA, no 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 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris buffer with 1 mM EDTA, pH 9.0, 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