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## Product Datasheet

### **EGFR (Epidermal Growth Factor Receptor) (GFR/1667), CF647 conjugate, 0.1mg/mL, IgG1, Clone: [GFR/1667], Mouse, Monoclonal BOT-BNC471667-100**

Article Name	EGFR (Epidermal Growth Factor Receptor) (GFR/1667), CF647 conjugate, 0.1mg/mL, IgG1, Clone: [GFR/1667], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC471667-100
Supplier Catalog Number	BNC471667-100
Alternative Catalog Number	BOT-BNC471667-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC, WB
Species Reactivity	Human
Immunogen	Recombinant human full-length EGFR protein
Conjugation	CF647
Product Description	This MAb recognizes a protein of 170 kDa, identified as EGFR. EGFR is type I receptor tyrosine kinase with sequence homology to erbB-1, -2, -3 -4 or HER-1, -2, -3 -4. It binds to Epidermal Growth Factor (EGF), Transforming Growth Factor- $\alpha$ (TGF- $\alpha$ ), He...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[GFR/1667]

Molecular Weight	~145 kDa (vIII variant) ~170 kDa (wild type)
Isotype	IgG1
UniProt	<a href="#">P00533</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 Immunohistology (formalin) 1-2 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 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user