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## Product Datasheet

### **EGFR(B1D8), CF647 conjugate, 0.1mg/mL, Clone: [B1D8], Mouse, Monoclonal BOT-BNC470643-500**

Article Name	EGFR(B1D8), CF647 conjugate, 0.1mg/mL, Clone: [B1D8], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470643-500
Supplier Catalog Number	BNC470643-500
Alternative Catalog Number	BOT-BNC470643-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, Functional Studies, IP
Species Reactivity	Human
Immunogen	Microsomes from A431 cells.
Conjugation	CF647
Product Description	This antibody reacts with the extracellular domain of EGFR and blocks the EGF/TGF induced activation. It also blocks tumor growth in vivo. It is excellent for purification of EGFR. EGFR is type I receptor tyrosine kinase with sequence homology to erb...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[B1D8]

Molecular Weight	~170 kDa (wild type) and ~145 kDa (vIII variant)
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 Does not react with mouse or rat, others not known Flow Cytometry 0.5-1 ug/million cells/0.1 mL Affinity Purification, for coupling, order Ab without BSA Immunoprecipitation 1-2 ug/500 ug protein lysate Optimal dilution for a specific application should be determined by user