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## Product Datasheet

### **EGFR (Epidermal Growth Factor Receptor) Antibody, IgG2a, Clone: [31G7 + GFR1195], Mouse, Monoclonal NBT-1956-MSM6-P0**

Article Name	EGFR (Epidermal Growth Factor Receptor) Antibody, IgG2a, Clone: [31G7 + GFR1195], Mouse, Monoclonal
Biozol Catalog Number	NBT-1956-MSM6-P0
Supplier Catalog Number	1956-MSM6-P0
Alternative Catalog Number	NBT-1956-MSM6-P0-20,NBT-1956-MSM6-P0-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	FC, IF, IHC
Species Reactivity	Human
Immunogen	Human EGFR Purified from A431 cells (31G7), Recombinant human EGFR protein (GFR1195)
Product Description	This MAb recognizes a protein of 170kDa, 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- $\alpha$ ), Hep...
Clonality	Monoclonal
Clone Designation	[31G7 + GFR1195]
Molecular Weight	~170kDa (wild type) and ~145kDa (vIII variant)
Isotype	IgG2a

NCBI	<a href="#">1956</a>
UniProt	<a href="#">P00533</a>
Form	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1mg/ml.
Antibody Type	Monoclonal Antibody
Application Notes	Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), Immunohistochemistry (Formalin-fixed) (2-4ug/ml for 30 minutes at RT)(Digest formalin-fixed tissues with Protease (Sigma Cat. P-6911) at 1mg/ml PBS, pH 7.4 for 10 min at 37C) Optimal d