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Product Datasheet

EGFR (Epidermal Growth Factor Receptor) Antibody, IgG2a, Clone: [31G7], Mouse, Monoclonal NBT-1956-MSM4-P1ABX

Article Name	EGFR (Epidermal Growth Factor Receptor) Antibody, IgG2a, Clone: [31G7], Mouse, Monoclonal
Biozol Catalog Number	NBT-1956-MSM4-P1ABX
Supplier Catalog Number	1956-MSM4-P1ABX
Alternative Catalog Number	NBT-1956-MSM4-P1ABX-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	FC, IF, IHC
Species Reactivity	Human
Immunogen	Human EGFR Purified from A431 cells
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- α (TGF- α), Hep...
Clonality	Monoclonal
Clone Designation	[31G7]
Molecular Weight	~170kDa (wild type) and ~145kDa (vIII variant)
Isotype	IgG2a

NCBI	1956
UniProt	P00533
Form	200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/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