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## Product Datasheet

### EGFR Antibody / Epidermal Growth Factor Receptor, Clone: [31G7], Mouse, Monoclonal NSJ-V2485-20UG

Article Name	EGFR Antibody / Epidermal Growth Factor Receptor, Clone: [31G7], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2485-20UG
Supplier Catalog Number	V2485-20UG
Alternative Catalog Number	NSJ-V2485-20UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P
Species Reactivity	Human
Immunogen	Human EGF Receptor purified from A431 cells was used as the immunogen for the EGFR antibody.
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-a (TGF-a), Hep...
Clonality	Monoclonal
Clone Designation	[31G7]
UniProt	<a href="#">P00533</a>
Purity	Protein G affinity chromatography

Form	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Antibody Type	Primary Antibody
Application Dilute	Flow cytometry: 0.5-1ug/10 <sup>6</sup> cells, Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 2-4ug/ml for 30 min at RT
Application Notes	Optimal dilution of the EGFR antibody should be determined by the researcher. 1. Digest formalin-fixed tissues with Protease at 1mg/ml PBS, pH 7.4 for 10 min at 37°C. 2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.