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## Product Datasheet

### **EGFR Antibody / Epidermal Growth Factor Receptor, Clone: [31G7], Mouse, Monoclonal NSJ-V2485IHC-7ML**

Article Name	EGFR Antibody / Epidermal Growth Factor Receptor, Clone: [31G7], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2485IHC-7ML
Supplier Catalog Number	V2485IHC-7ML
Alternative Catalog Number	NSJ-V2485IHC-7ML
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	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- $\alpha$ (TGF- $\alpha$ ), Hep...
Clonality	Monoclonal
Clone Designation	[31G7]
UniProt	<a href="#">P00533</a>
Purity	Protein G affinity chromatography

Form	Prediluted in 1X PBS, 0.1 mg/ml BSA (US sourced), 0.05% sodium azide, *For IHC use only*
Antibody Type	Primary Antibody
Application Dilute	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.
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 37oC2. 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.