

Product datasheet for **TA367687**

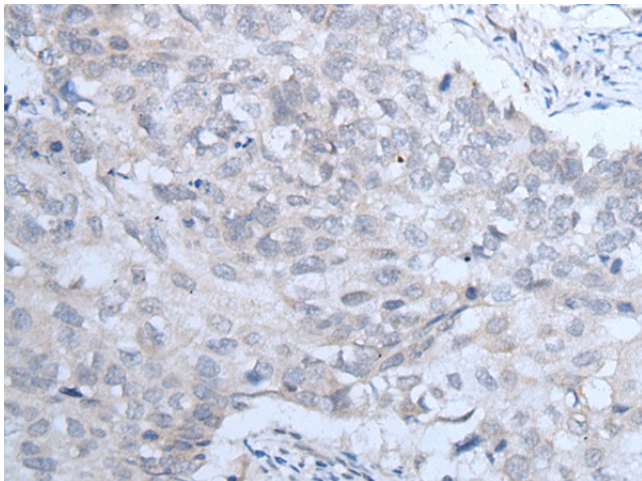
IGF1 Receptor (IGF1R) Rabbit Polyclonal Antibody

Product data:

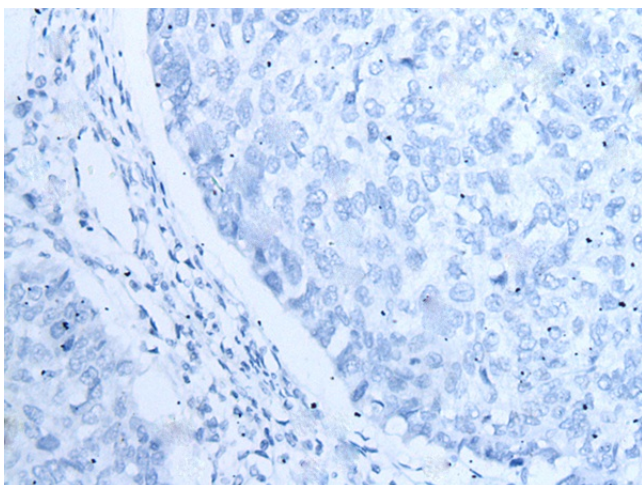
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 20-100 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human IGF1R
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	insulin like growth factor 1 receptor
Database Link:	Entrez Gene 3480 Human P08069
Background:	This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Synonyms:	CD221; IGFIR; IGFR; JTK13; MGC18216; MGC142170; MGC142172



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Product images:

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA367687 (IGF1R Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA367687 (IGF1R Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)