



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rabbit Anti-Human AMPHIREGULIN

With HRP-conjugated Secondary Antibody

Catalog No.
DS-PB-00148

Target Species
Human

Isotype
Polyclonal IgG

Preparation

Synonyms: SDGF

Purification: Purified IgG prepared by affinity chromatography on Protein G

Immunogen: Synthetic peptide corresponding to the amino acids 108 - 126 of the native molecule conjugated to Keyhole limpet Haemocyanin.

Amino acid sequence: VKPPQNKTESENTSDKPKR

Formulation

Product Type: Polyclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations: IgG concentration 5.0 mg/ml

Specificity

DS-PB-00148 is specific for amphiregulin, an epidermal growth factor (EGF)-related glycoprotein that is involved in the differentiation and proliferation of a wide range of cell types. These actions are mediated through binding to the EGF receptor.

The amino acid sequence of the peptide immunogen applies to the 252 amino acid precursor from the 'areg' gene. This contains sites that may be glycosylated in the native molecule.

Applications

Options	YES	NO	Not determined	Recommended Work dilution or concentration
Functions				
Western Blotting			•	
Elisa	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined.

The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.



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Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

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