



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

GOAT ANTI ACK1

With HRP Conjugated Secondary Antibody

Catalog No.	Species	Isotype
DS-PB-00058	Mouse	Goat IgG

Preparation

Preparation Antisera to mouse ACK1 were raised by repeated immunizations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Immunogen Peptide sequence HLLGSWGPAAHHKR corresponding to the C-terminus of ACK1

Specificity

This antibody recognizes mouse activated p21cdc42Hs kinase (ACK1), a non-receptor protein tyrosine kinase that binds activated CDC42 and inhibits its GTPase activity.

Based on sequence similarity, is expected to react with Human

Antibody reactivity and working conditions may vary between species.

Formulation

Product Type Polyclonal Antibody

Product Form Purified IgG - liquid

Preservative Stabilizers 0.02% Sodium Azide (NaN_3), 0.5% Bovine Serum Albumin.

Buffer Solution TRIS buffered saline pH7.3

Approx. Protein Concentrations IgG concentration 0.5 mg/ml

Storage

18 months from date of dispatch.

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

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

Avoid repeated freezing and thawing as this may denature the antibody.

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



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			.	
Western Blotting	.			4ug/ml - 6ug/ml
Immunohistology - frozen			.	
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
Gel Super Shift Assays			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	.			1:5000-1:10000

References

1. Manser, E. *et al.* (1993) A non-receptor tyrosine kinase that inhibits the GTPase activity of p21cdc42. *Nature*. 363 (64 27): 364 -7.
2. ? (0) PMID: 8497321 ?
3. ? (0) LocusLink ID - 10188
4. ? (0) GenBank Accession Number_NP_005772?

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