

## Certificate of Analysis

Product: Rabbit anti-Hamster IgG (H&L), ALP Conjugate  
Part Number: RbxHa-003-DALP  
Lot Number: 81-49-020221  
Amount: 1.0 mg @ 1.50 mg/ml (E<sup>1%</sup> at 280 nm = 13.0)  
Label: Alkaline Phosphatase (ALP)  
Form: Clear, colorless liquid  
Purification: Affinity purified using solid phase Hamster IgG  
Purity: Affinity purified antibody is ≥ 95 % based on SDS-PAGE  
Host: Rabbit  
Immunogen: Purified Hamster IgG, whole molecule  
Buffer: 30 mM Triethanolamine, pH 7.2, 5 mM Magnesium Chloride, 0.1 mM Zinc Chloride, 1 % (w/v) BSA, Protease/IgG free  
Preservative: 0.05 % (w/v) Sodium Azide  
Storage: Store undiluted liquid at 2-8 °C. For storage at -20 °C, dilute with an equal volume of glycerol to prevent loss of enzymatic activity. Prepare working dilution prior to use and then discard.  
Shelf Life: 1 year from date of receipt  
Specificity: Based on IEP, this antibody reacts with:

- heavy (γ) chains on Hamster IgG
- light chains on all Hamster immunoglobulins

Cross Reactivity: Based on IEP, no reactivity is observed to:

- non-immunoglobulin Hamster serum proteins

Country of Origin: Rabbit serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.  
Note: This conjugate was prepared using Part # RbxHa-003-D, Lot # 33-108-062414  
Applications: The optimal working dilution should be determined by the investigator.  
Suitable for use in: ELISA, WB, IHC  
Suggested starting dilutions:

- 1:500-1:2,000 for Immunohistochemistry
- 1:500-1:8,000 for ELISA/Western blot

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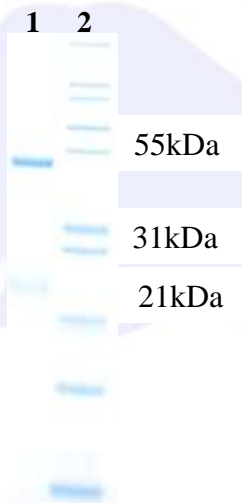
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

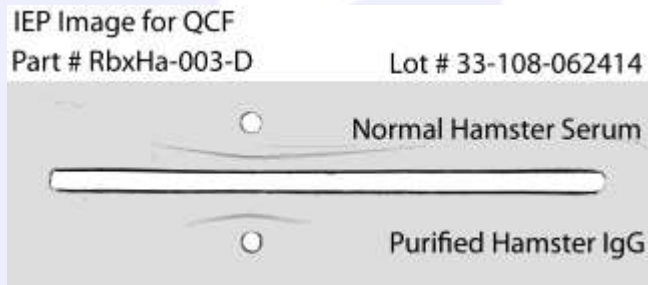
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**PART NUMBER:** RbxHa-003-DALP  
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"><li>heavy (<math>\gamma</math>) chains on Hamster IgG</li><li>light chains on all Hamster immunoglobulins</li></ul>	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"><li>non-immunoglobulin Hamster serum proteins</li></ul>	PASS
ELISA:	Dilution giving $A^{405}$ reading of $\geq 1.0$ when tested against Hamster IgG coated at 2 $\mu\text{g/ml}$	1:8,290

### SDS-PAGE



### Immunoelectrophoresis (IEP)



- 1) RbxHa-003-D, Lot # 33-108-062414
- 2) Mol Weight Standard

Date: February 5, 2021

Signature: \_\_\_\_\_

  
Quality Control