



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Human Corticotropin Releasing Factor With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01054

Target Species
Human

Isotype
IgG1

Preparation

Purified IgG prepared by affinity chromatography on Protein G
Immunogen: Synthetic human corticotropin releasing factor

Formulation

Product Form: Purified IgG - liquid
Product Type: Monoclonal Antibody
Buffer Solution: Phosphate buffered saline
Preservative Stabilizers: 0.09% Sodium Azide (NaN₃)
Approx. Protein Concentrations: IgG concentration 1.0mg/ml

Specificity

DS-MB-01054 recognizes human corticotropin-releasing factor (CRF), a secreted hormone which regulates the release of corticotropin from the pituitary.

Species Cross Reactivity: based on sequence similarity, is expected to react with: Rat

N.B. Antibody reactivity and working conditions may vary between species.

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunohistology - Paraffin(1)	•			1 - 10ug/ml
Western Blotting			•	
ELISA	•			

Note: Other applications have not been tested. Optimal dilutions should be determined.

(1) This product requires protein digestion pre-treatment of paraffin sections e.g. trypsin or pronase. This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose
Histology Positive Control Tissue: Human hypothalamus

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



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Secondary Antibody Applications

<div>Options</div> <div>Functions</div>	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

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.

References

1. Kravchenko, I. V. & Furalev, V. A. (1994) Monoclonal antibodies directed against two different corticotropin-releasing factor determinants Hybridoma 13: 59 -64

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