



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rat Anti-Human Cartilage Oligomeric Matrix Protein With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00197

Target Species
Human

Isotype
IgG1

Preparation

Tissue Culture Supernatant containing 0.2M Tris/HCl pH7.4 and 5-10% fetal calf serum

Immunogen: Human cartilage derived COMP

Fusion Partners: Spleen cells from immunized Wistar rats were fused with cells of the mouse NS1 myeloma cell line.

Specificity

DS-MB-00197 recognizes human cartilage oligomeric matrix protein (COMP). The antibody recognizes an epitope located in the central portion of the molecule.

Formulation

Product Type: Monoclonal Antibody

Product Form: Tissue Culture Supernatant - liquid

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoprecipitation	•			
Immunohistology - Frozen	•			
Immunohistology - Paraffin	•			
Immunohistology - Resin			•	
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.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. 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.

Reference

1. Grigoriadis, A. *et al.* (2006) Establishment of the epithelial-specific transcriptome of normal and malignant human breast cells based on MPSS and array expression data. *Breast Cancer Res.* 8: R56.
2. Milz, S. *et al.* (2007) An immunohistochemical study of the triangular fibrocartilage complex of the wrist: regional variations in cartilage phenotype. *J Anat.* 211: 1-7.
3. Gagarina, V. *et al.* (2008) Cartilage oligomeric matrix protein protects cells against death by elevating members of the IAP family of survival proteins. *J Biol Chem* 283: 648-59.

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