



# Meridian

## Life Science, Inc.

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### CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** E01269M **Lot #:** 5D11816

**Description:** MAb to Retinol Binding Prot. 4  
Monoclonal Antibody to Human Retinol Binding Protein 4 (RBP4)

**Specificity:** Human plasma RBP4. Recognizes free RBP4 and RBP4 in complex with transthyretin. Reacts with apo-RBP4 and holo-RBP4.

**Host Animal:** Mouse. Hybridization of Sp 2/0 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG<sub>1</sub>

**Source:** Ascites

**Immunogen:** Human recombinant RBP4

**Format:** Purified, Liquid

**Purification:** >90% pure (SDS-PAGE). Protein A chromatography

**Concentration:** 5.7 mg/ml (OD280nm, E<sup>0.1</sup>% = 1.4)

**Affinity Constant:** Not determined

**Buffer:** Phosphate Buffered Saline, pH 7.4

**Preservative:** 0.09% Sodium azide

**Applications:** Suitable for use in ELISA and Western blot (reducing conditions). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.  
Recommended antibody pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
E01269M	E01268M
E01269M	E01267M

**Storage:** Store at 2-8°C.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

**Note:** Some applications in which these products may be used are covered by patents issued and applicable in certain countries. Because purchase of these products does not include a license to perform any patented application, users of these products may be required to obtain a patent license, depending on the particular application and country in which the product is used.

*Brenda Dun*

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