Product Name
Monoclonal Human Anti-resistin, Immunoglobulin, clone 8-F9

CAT No.
MQR 2.801-100

LOT No.
15010

Quantity
100 µg

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Intended use
This product is for research use only. NOT for use in diagnostic or therapeutic procedures.
This product is tested for use in enzyme-linked immunosorbent assay (ELISA).

Reagent provided
The antibody has been lyophilized in a 10 mM ammonium bicarbonate buffer.

Isotype
Human IgG1λ.

Immunogen
Resistin.

Specificity
Specificity has been tested in ELISA (figure 1).

Purity
Protein A purified.

Precautions
1. For professional users.
2. As with any product derived from biological sources, proper handling procedures should be used.
3. The product may be used in different techniques and in combination with different sample types and materials, therefore each individual laboratory should validate the applied test system.

Preparation of the antibody
- Recommended antibody concentration: 0.5 mg/ml
- Recommended solvent; 100 mM PBS or Tris-HCl, pH 7.0.
- Additional sodium azide (up to 0.05%) is recommended for prolonged storage.
- For a 0.5 mg/ml antibody concentration, dissolve in 200 µl buffer.

NOTE: Be careful opening the vial since the antibody resides in a vacuum.

Storage instructions
For long term storage keep lyophilized batch at -20°C
After dissolving store at 2-8°C. For prolonged storage add sodium azide to 0.05%.

Application guidelines
ELISA: 1 – 25 µg/ml
Unless the stability in the actual test system has been established, it is recommended to dilute the product immediately before use.

Relevance
Resistin is expressed in adipocytes, mononuclear leukocytes, macrophages, spleen and bone marrow cells. The adipocyte-specific hormone has been suggested to play a role in obesity, insulin resistance and diabetes.

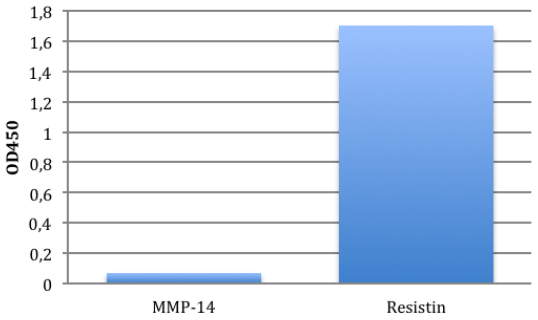

Figure 1: Specificity of resistin Immunoglobulin, clone 8-F9, determined by ELISA. Antibody diluted to 8 µg/ml in PBS containing 0.05% tween-20 and 1% BSA was tested on MMP-14 (control protein) and resistin.