

**Anti-Oxyntomodulin (human)****Mouse monoclonal antibody**

Subclass:

Clone:20

CAT. NO.

**ABS 059-20**

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**SPECIFICITY** ABS 059-20 is specific for human oxyntomodulin. Cross-reacts fully with glucagon.**IMMUNOGEN** Synthetic full length oxyntomodulin coupled to carrier.**TESTED APPLICATIONS** ELISA**SPECIES REACTIVITY (POSITIVE)** Human, mouse and rat.**SPECIES REACTIVITY (NEGATIVE)** Not determined.**EPITOPE SPECIFICITY** ABS 059-20 has a different epitope specificity than ABS 064-46 and ABS 064-23.

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**PRESENTATION****Content:** Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.**Preparation:** Protein-A purified**Form:** Liquid**Solvent:** 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide**Storage:** 2-8°C

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**APPLICATION** **ELISA:** ABS 064-46 (as capture antibody) forms a sandwich ELISA pair with ABS 059-20B (as biotinylated detection antibody) for measuring Oxyntomodulin. ABS 064-46 is specific for oxyntomodulin and does not cross-react with glucagon.**TARGET** Oxyntomodulin is a peptide hormone of 37 amino-acid residues (29-amino acid sequence of glucagon, with an 8-amino acid carboxy-terminal extension) produced by the L cells of the gut. It modulates gastric acid secretion from the oxyntic cells of the stomach, inhibits appetite and has glucose lowering effects. Oxyntomodulin is produced by cell-type-specific processing of proglucagon that forms as well glicentin, GLP-1 and GLP-2 in the L cells of the intestinal mucosa.**REFERENCES****CONDITIONS**

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