

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

Subclass:

PRODUCT NO.

**ABS 059-20 B**

Clone: 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:	50 µL, 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, with 0.14 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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