

Subclass:
Clone: 46

Anti-Oxyntomodulin (human)

Mouse monoclonal antibody

CAT. NO. **ABS 064-46**

SPECIFICITY	ABS 064-46 is specific for C-terminus of human oxyntomodulin. Does not cross-react with glucagon.
IMMUNOGEN	Synthetic oxyntomodulin 31-37 coupled to carrier.
TESTED APPLICATIONS	ELISA
SPECIES REACTIVITY (POSITIVE)	Human, mouse and rat.
SPECIES REACTIVITY (NEGATIVE)	Not determined.
EPITOPE SPECIFICITY	ABS 064-46 has a different epitope specificity compared to ABS 064-23 and ABS 059-20.

PRESENTATION

Content:	Available in 400 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

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 (capture antibody) 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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