

Anti-Oxyntomodulin (human)

CAT. NO. ABS 059-20

OVERVIEW

Product Name	Anti-Oxyntomodulin (human)	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	20
Tested Applications	ELISA		

SPECIFICITY

Specificity	ABS 059-20 is specific for human oxyntomodulin. Cross-reacts fully with glucagon. ABS 059-20 has a different epitope specificity than ABS 064-46 and ABS 064-23.		
Immunogen	Synthetic full length oxyntomodulin coupled to carrier.	Gene ID	2641, 14526
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.		
Species Reactivity POSITIVE	Human, Mouse, Rat	Species Reactivity NEGATIVE	Not determined

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL \pm 15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

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.
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SCIENTIFIC REFERENCES

N/A

CONDITIONS

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