

Anti-Leptin

CAT. NO. ABS 022-11

OVERVIEW

Product Name	Anti-Leptin	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	11
Tested Applications	ELISA		

SPECIFICITY

Specificity	ABS 022-11 binds human leptin. The epitope of ABS 022-11 differs from the epitope of ABS 022-03 but overlaps with the epitope of ABS 022-06.
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Immunogen	Recombinant human leptin	Gene ID	3952
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Target	Leptin, also called obesity factor, is a protein produced by adipose tissue, which has a regulatory influence on food intake, energy metabolism and reproduction. Leptin may also play a role in immune and inflammatory responses and hematopoiesis.
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Species Reactivity	Human	Species Reactivity	Not determined
POSITIVE	NEGATIVE		

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL ±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 022-11 binds free leptin in solution. In sandwich ELISA, biotinylated ABS 022-11 works as a detection antibody with ABS 022-03 as a capture antibody.
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SCIENTIFIC REFERENCES

N/A

CONDITIONS

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