

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human AgRP in ELISAs and Western blots. In Western blots, this antibody shows 100% cross-reactivity with recombinant mouse AgRP.
Source	Monoclonal Mouse IgG ₁ Clone # 82815
Purification	Protein A or G purified from ascites
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human AgRP Ala21-Thr132 Accession # O00253
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

AgRP, also known as the protein product of the Agouti Related Transcript (ART), functions as an antagonist of the melanocortin (MC-3 and MC-4) receptors, both of which are implicated in obesity. AgRP levels are significantly elevated in the serum of obese mice and people.

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