

# Resource Summary Report

Generated by [RRID](#) on Sep 4, 2026

## N1C11

RRID:AB\_2756530

Type: Antibody

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### Proper Citation

Anne White, University of Manchester, UK Cat# N1C11, RRID:AB\_2756530

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2756530](http://antibodyregistry.org/AB_2756530)

**Proper Citation:** Anne White, University of Manchester, UK Cat# N1C11, RRID:AB\_2756530

**Target Antigen:** gamma 1 MSH and POMC

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Direct measurement of the precursors of adrenocorticotropin in human plasma by two-site immunoradiometric assay. Journal of Clinical Endocrinology and Metabolism, 67, 6, 1272-1277): "gamma 1 MSH was conjugated to BSA by the carbodiimide method based on the procedure described by Orth (8). Balb/c mice were hyperimmunized with the gamma 1 MSH conjugate as described previously (5). Hybridomas secreting MABs to gamma 1 MSH were produced by methods described previously for the production of MAb to ACTH (5)."

**Antibody Name:** N1C11

**Description:** This monoclonal targets gamma 1 MSH and POMC

**Target Organism:** human

**Clone ID:** N1C11

**Defining Citation:** [PMID:2848055](#)

**Antibody ID:** AB\_2756530

**Vendor:** Anne White, University of Manchester, UK

**Catalog Number:** N1C11

**Record Creation Time:** 20231110T033315+0000

**Record Last Update:** 20260901T025816+0000

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## Ratings and Alerts

No rating or validation information has been found for N1C11.

No alerts have been found for N1C11.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Wardlaw SL, et al. (2026) Biomarkers of hypothalamic melanocortin activity in human energy balance. *Journal of neuroendocrinology*, 38(3), e70155.

Shakya M, et al. (2022) The G209R mutant mouse as a model for human PCSK1 polyendocrinopathy. *Endocrinology*, 163(5).

Coppola I, et al. (2022) Loss of hypothalamic Furin affects POMC to proACTH cleavage and feeding behavior in high-fat diet-fed mice. *Molecular metabolism*, 66, 101627.

Shakya M, et al. (2021) Mice lacking PC1/3 expression in POMC-expressing cells do not develop obesity. *Endocrinology*, 162(6).

Panigrahi SK, et al. (2020) Diurnal Patterns for Cortisol, Cortisone and Agouti-Related Protein in Human Cerebrospinal Fluid and Blood. *The Journal of clinical endocrinology and metabolism*, 105(4), e1584.

Panigrahi SK, et al. (2019) Effects of Naltrexone on Energy Balance and Hypothalamic Melanocortin Peptides in Male Mice Fed a High-Fat Diet. *Journal of the Endocrine Society*, 3(3), 590.

Jarvela TS, et al. (2019) Reduced Stability and pH-Dependent Activity of a Common Obesity-Linked PCSK1 Polymorphism, N221D. *Endocrinology*, 160(11), 2630.