

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

Anti-Kv2.1 K⁺ channel recombinant mouse monoclonal antibody K89/34R

RRID:AB_2750677

Type: Antibody

Proper Citation

UC Davis/NIH NeuroMab Facility Cat# K89/34R, RRID:AB_2750677

Antibody Information

URL: http://antibodyregistry.org/AB_2750677

Proper Citation: UC Davis/NIH NeuroMab Facility Cat# K89/34R, RRID:AB_2750677

Target Antigen: Kv2.1 K⁺ channel

Host Organism: mouse

Clonality: recombinant

Comments: Originating manufacturer of this product.

This is a mouse IgG2a recombinant monoclonal antibody derived from AB_2877280
Previous vendor was James Trimmer; University of California at Davis; California; USA.

Antibody Name: Anti-Kv2.1 K⁺ channel recombinant mouse monoclonal antibody K89/34R

Description: This recombinant targets Kv2.1 K⁺ channel

Clone ID: K89/34R

Defining Citation: [PMID:30667360](#)

Antibody ID: AB_2750677

Vendor: UC Davis/NIH NeuroMab Facility

Catalog Number: K89/34R

Record Creation Time: 20250922T063127+0000

Record Last Update: 20260903T213351+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Kv2.1 K⁺ channel recombinant mouse monoclonal antibody K89/34R.

No alerts have been found for Anti-Kv2.1 K⁺ channel recombinant mouse monoclonal antibody K89/34R.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Fortenbach C, et al. (2021) Loss of the K⁺ channel Kv2.1 greatly reduces outward dark current and causes ionic dysregulation and degeneration in rod photoreceptors. The Journal of general physiology, 153(2).

Schulien AJ, et al. (2020) Targeted disruption of Kv2.1-VAPA association provides neuroprotection against ischemic stroke in mice by declustering Kv2.1 channels. Science advances, 6(27).