

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org/) on Apr 10, 2025

## Pennsylvania State University Hershey College of Medicine Custom Antibody Core Facility

RRID:SCR\_022799

Type: Tool

### Proper Citation

Pennsylvania State University Hershey College of Medicine Custom Antibody Core Facility (RRID:SCR\_022799)

### Resource Information

**URL:** <https://research.med.psu.edu/core-facilities/custom-antibody-core/>

**Proper Citation:** Pennsylvania State University Hershey College of Medicine Custom Antibody Core Facility (RRID:SCR\_022799)

**Description:** Provides service for production and purification of custom antibodies. Primary services include immunization of mice and rabbits to make mouse and rabbit monoclonal antibodies to select targets. Primary screening of hybridomas will be conducted using standard ELISA technology and positive lines will be preserved for cloning. Supernatants containing antibody selected as positive will be made available to investigators for secondary analyses in their labs (Westerns, immunofluorescence, functional assays). Investigator selected lines will be cloned, isotyped, and adapted to serum free culture for future production of high titer antibody if investigator requires large quantities of antibody. Standard purifications will be conducted as needed, and various modifications (fluorochrome, enzyme, biotin) are also provided as Antibody Core services.

**Synonyms:** Penn State Hershey College of Medicine Custom Antibody Core, PSU-COM Antibody Core, Penn State College of Medicine PSU-COM Antibody Core, Penn State Hershey College of Medicine Custom Antibody Core Facility, Custom Antibody Core

**Resource Type:** core facility, service resource, access service resource

**Keywords:** USEDit, ABRF, production and purification of custom antibodies, primary screening of hybridomas

**Funding:**

**Resource Name:** Pennsylvania State University Hershey College of Medicine Custom Antibody Core Facility

**Resource ID:** SCR\_022799

**Alternate IDs:** ABRF\_1572

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=1572&citation=1>,  
[https://psu.corefacilities.org/service\\_center/show\\_external/5103?name=custom-antibody-core-com](https://psu.corefacilities.org/service_center/show_external/5103?name=custom-antibody-core-com)

**Record Creation Time:** 20220929T050157+0000

**Record Last Update:** 20250410T071543+0000

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## Ratings and Alerts

No rating or validation information has been found for Pennsylvania State University Hershey College of Medicine Custom Antibody Core Facility.

No alerts have been found for Pennsylvania State University Hershey College of Medicine Custom Antibody Core Facility.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Hanafiah A, et al. (2024) PRC1 and CTCF-Mediated Transition from Poised to Active Chromatin Loops Drives Bivalent Gene Activation. bioRxiv : the preprint server for biology.

Kumar R, et al. (2021) Monoclonal Antibodies to S and N SARS-CoV-2 Proteins as Probes to Assess Structural and Antigenic Properties of Coronaviruses. Viruses, 13(10).