

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

Alexa Fluor® 647 Anti-Smad2 (pS465/pS467)/Smad3 (pS423/pS425)

RRID:AB_2716578

Type: Antibody

Proper Citation

BD Biosciences Cat# 562696, RRID:AB_2716578

Antibody Information

URL: http://antibodyregistry.org/AB_2716578

Proper Citation: BD Biosciences Cat# 562696, RRID:AB_2716578

Target Antigen: Phosphorylated Human Smad2 Peptide

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry, Immunofluorescence

Antibody Name: Alexa Fluor® 647 Anti-Smad2 (pS465/pS467)/Smad3 (pS423/pS425)

Description: This monoclonal targets Phosphorylated Human Smad2 Peptide

Target Organism: mouse, human

Clone ID: O72-670

Antibody ID: AB_2716578

Vendor: BD Biosciences

Catalog Number: 562696

Record Creation Time: 20250819T220302+0000

Record Last Update: 20250820T005652+0000

Ratings and Alerts

No rating or validation information has been found for Alexa Fluor® 647 Anti-Smad2 (pS465/pS467)/Smad3 (pS423/pS425).

No alerts have been found for Alexa Fluor® 647 Anti-Smad2 (pS465/pS467)/Smad3 (pS423/pS425).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Kim AR, et al. (2025) Co-blockade of TGF β and PD-1 Reinvigorates Glioblastoma-Infiltrating CD8 $^{+}$ T Cells That Characteristically Upregulate TGF β RI Expression. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(15), 3306.

Park CS, et al. (2023) Stromal-induced epithelial-mesenchymal transition induces targetable drug resistance in acute lymphoblastic leukemia. Cell reports, 42(7), 112804.

Dhainaut M, et al. (2022) Spatial CRISPR genomics identifies regulators of the tumor microenvironment. Cell, 185(7), 1223.

Fueyo-González F, et al. (2022) Interferon- γ acts directly on T cells to prolong allograft survival by enhancing regulatory T cell induction through Foxp3 acetylation. Immunity, 55(3), 459.

Golebski K, et al. (2021) Induction of IL-10-producing type 2 innate lymphoid cells by allergen immunotherapy is associated with clinical response. Immunity, 54(2), 291.

Cai B, et al. (2020) Macrophage MerTK Promotes Liver Fibrosis in Nonalcoholic Steatohepatitis. Cell metabolism, 31(2), 406.

Yuan X, et al. (2017) CR1g, a tissue-resident macrophage specific immune checkpoint molecule, promotes immunological tolerance in NOD mice, via a dual role in effector and regulatory T cells. eLife, 6.