# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 25, 2025

## c-Kit (D13A2) XP Rabbit mAb

RRID:AB_1147633
Type: Antibody

### Proper Citation

(Cell Signaling Technology Cat# 3074, RRID:AB_1147633)

### Antibody Information

**URL:** http://antibodyregistry.org/AB_1147633

**Proper Citation:** (Cell Signaling Technology Cat# 3074, RRID:AB_1147633)

**Target Antigen:** c-Kit (D13A2) XP Rabbit mAb

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** Applications: W, IP, IF-IC. Consolidation on 10/2018: AB_10331986, AB_10829442, AB_1147633.

**Antibody Name:** c-Kit (D13A2) XP Rabbit mAb

**Description:** This monoclonal targets c-Kit (D13A2) XP Rabbit mAb

**Target Organism:** h, m, mouse, human

**Antibody ID:** AB_1147633

**Vendor:** Cell Signaling Technology

**Catalog Number:** 3074

**Record Creation Time:** 20241016T220408+0000

**Record Last Update:** 20241016T220831+0000

### Ratings and Alerts

No rating or validation information has been found for c-Kit (D13A2) XP Rabbit mAb.

No alerts have been found for c-Kit (D13A2) XP Rabbit mAb.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 18 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.


Zaman T, et al. (2024) Kit Ligand and Kit receptor tyrosine kinase sustain synaptic inhibition of Purkinje cells. eLife, 12.

Adebayo AK, et al. (2024) Oxygen tension-dependent variability in the cancer cell kinome impacts signaling pathways and response to targeted therapies. iScience, 27(6), 110068.

Finlay JB, et al. (2024) Olfactory neuroblastoma mimics molecular heterogeneity and lineage trajectories of small-cell lung cancer. Cancer cell, 42(6), 1086.

Mihlan M, et al. (2024) Neutrophil trapping and nexocytosis, mast cell-mediated processes for inflammatory signal relay. Cell, 187(19), 5316.

Li Y, et al. (2023) N6-methyl-2'-deoxyadenosine promotes self-renewal of BFU-E progenitor in erythropoiesis. iScience, 26(6), 106924.

Hansen SL, et al. (2023) An organoid-based CRISPR-Cas9 screen for regulators of intestinal epithelial maturation and cell fate. Science advances, 9(28), eadg4055.

Klaus A, et al. (2022) CLASP2 safeguards hematopoietic stem cell properties during mouse and fish development. Cell reports, 39(11), 110957.

De Bacco F, et al. (2021) ERBB3 overexpression due to miR-205 inactivation confers sensitivity to FGF, metabolic activation, and liability to ERBB3 targeting in glioblastoma. Cell reports, 36(4), 109455.

Tokheim C, et al. (2021) Systematic characterization of mutations altering protein degradation in human cancers. Molecular cell, 81(6), 1292.

Barkaway A, et al. (2021) Age-related changes in the local milieu of inflamed tissues cause aberrant neutrophil trafficking and subsequent remote organ damage. Immunity, 54(7), 1494.

Li MY, et al. (2021) UV-induced reduction in Polycomb repression promotes epidermal pigmentation. Developmental cell, 56(18), 2547.

Ning W, et al. (2021) Differentiated Daughter Cells Regulate Stem Cell Proliferation and Fate through Intra-tissue Tension. Cell stem cell, 28(3), 436.

Smith BD, et al. (2019) Ripretinib (DCC-2618) Is a Switch Control Kinase Inhibitor of a Broad Spectrum of Oncogenic and Drug-Resistant KIT and PDGFRA Variants. Cancer cell, 35(5), 738.

Buhr ED, et al. (2019) Neuropsin (OPN5) Mediates Local Light-Dependent Induction of Circadian Clock Genes and Circadian Photoentrainment in Exposed Murine Skin. Current biology : CB, 29(20), 3478.

Hemming ML, et al. (2019) Enhancer Domains in Gastrointestinal Stromal Tumor Regulate KIT Expression and Are Targetable by BET Bromodomain Inhibition. Cancer research, 79(5), 994.

Schmitt M, et al. (2018) Paneth Cells Respond to Inflammation and Contribute to Tissue Regeneration by Acquiring Stem-like Features through SCF/c-Kit Signaling. Cell reports, 24(9), 2312.

Guimarães-Camboa N, et al. (2017) Pericytes of Multiple Organs Do Not Behave as Mesenchymal Stem Cells In Vivo. Cell stem cell, 20(3), 345.

McIver SC, et al. (2016) Exosome complex orchestrates developmental signaling to balance proliferation and differentiation during erythropoiesis. eLife, 5.