

Resource Summary Report

Generated by [RRID](#) on May 27, 2025

Alpha-Smooth Muscle Actin Monoclonal Antibody (1A4), eFluor™ 660, eBioscience

RRID:AB_2574362

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 50-9760-82, RRID:AB_2574362)

Antibody Information

URL: http://antibodyregistry.org/AB_2574362

Proper Citation: (Thermo Fisher Scientific Cat# 50-9760-82, RRID:AB_2574362)

Target Antigen: Alpha-Smooth Muscle Actin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ICC/IF, IHC, IHC (F), IHC (P), WB

Antibody Name: Alpha-Smooth Muscle Actin Monoclonal Antibody (1A4), eFluor™ 660, eBioscience

Description: This monoclonal targets Alpha-Smooth Muscle Actin

Target Organism: rat, mouse, human

Clone ID: Clone 1A4

Defining Citation: [PMID:2174404](#), [PMID:3539945](#), [PMID:24969973](#)

Antibody ID: AB_2574362

Vendor: Thermo Fisher Scientific

Catalog Number: 50-9760-82

Alternative Catalog Numbers: 50-9760

Record Creation Time: 20231110T035105+0000

Record Last Update: 20240725T042331+0000

Ratings and Alerts

- This antibody has been included in the HuBMAP's Organ Mapping Antibody Panels, please see specific validation data: <https://avr.hubmapconsortium.org> See: Human_Kidney_Automated_IBEX.xlsx - The Human BioMolecular Atlas Program <https://humanatlas.io/omap>

No alerts have been found for Alpha-Smooth Muscle Actin Monoclonal Antibody (1A4), eFluor™ 660, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Radtke AJ, et al. (2024) Multi-omic profiling of follicular lymphoma reveals changes in tissue architecture and enhanced stromal remodeling in high-risk patients. Cancer cell, 42(3), 444.

Huang KK, et al. (2023) Spatiotemporal genomic profiling of intestinal metaplasia reveals clonal dynamics of gastric cancer progression. Cancer cell, 41(12), 2019.

Lin JR, et al. (2023) Multiplexed 3D atlas of state transitions and immune interaction in colorectal cancer. Cell, 186(2), 363.

Morelli C, et al. (2021) Identification of a population of peripheral sensory neurons that regulates blood pressure. Cell reports, 35(9), 109191.

Huang S, et al. (2021) Lymph nodes are innervated by a unique population of sensory neurons with immunomodulatory potential. Cell, 184(2), 441.

Chen Q, et al. (2019) Apelin+ Endothelial Niche Cells Control Hematopoiesis and Mediate Vascular Regeneration after Myeloablative Injury. Cell stem cell, 25(6), 768.