

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 18, 2025

Anti-LINE-1 ORF1p Antibody, clone 4H1

RRID:AB_2941775

Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# MABC1152, RRID:AB_2941775)

Antibody Information

URL: http://antibodyregistry.org/AB_2941775

Proper Citation: (Sigma-Aldrich Cat# MABC1152, RRID:AB_2941775)

Target Antigen: LINE-1 retrotransposable element ORF1 protein

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ICC, IHC-P, IP, WB

Antibody Name: Anti-LINE-1 ORF1p Antibody, clone 4H1

Description: This monoclonal targets LINE-1 retrotransposable element ORF1 protein

Target Organism: human

Clone ID: 4H1

Antibody ID: AB_2941775

Vendor: Sigma-Aldrich

Catalog Number: MABC1152

Record Creation Time: 20231110T031133+0000

Record Last Update: 20240725T063956+0000

Ratings and Alerts

No rating or validation information has been found for Anti-LINE-1 ORF1p Antibody, clone 4H1.

No alerts have been found for Anti-LINE-1 ORF1p Antibody, clone 4H1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Hong Y, et al. (2024) SAFB restricts contact domain boundaries associated with L1 chimeric transcription. Molecular cell, 84(9), 1637.

Toda T, et al. (2024) Long interspersed nuclear elements safeguard neural progenitors from precocious differentiation. Cell reports, 43(2), 113774.

Sun S, et al. (2024) Cancer cells restrict immunogenicity of retrotransposon expression via distinct mechanisms. Immunity, 57(12), 2879.

Touma F, et al. (2023) The Ultraviolet Irradiation of Keratinocytes Induces Ectopic Expression of LINE-1 Retrotransposon Machinery and Leads to Cellular Senescence. Biomedicines, 11(11).