

Resource Summary Report

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HTI-56

RRID:AB_2665380

Type: Antibody

Proper Citation

(Leland Dobbs Lab University of California, San Francisco Cat# HTI56, RRID:AB_2665380)

Antibody Information

URL: http://antibodyregistry.org/AB_2665380

Proper Citation: (Leland Dobbs Lab University of California, San Francisco Cat# HTI56, RRID:AB_2665380)

Target Antigen: Unknown membrane protein specific to human lung alveolar type 1 cells.

Host Organism: mouse

Clonality: monoclonal

Comments: "Cells were centrifuged and the cell pellet (approximately 10⁷ cells) was resuspended in Freund's adjuvant to immunize each mouse. Booster injections were administered at 3-week intervals. BALB/c mice were immunized according to the UCSF MAb protocol. Mice were boosted with cells on Days 14, 42, and 120. Spleens were removed on Day 123, and splenocytes were isolated and fused to NS-1 myeloma cells by conventional methods (Dobbs et al. 1988).

To screen rapidly propagating fusion clones, we developed a 96-well cytocentrifuge technique to screen multiple hybridoma supernatants simultaneously."

Antibody Name: HTI-56

Description: This monoclonal targets Unknown membrane protein specific to human lung alveolar type 1 cells.

Target Organism: human

Defining Citation: [PMID:9889249](#)

Antibody ID: AB_2665380

Vendor: Leland Dobbs Lab University of California, San Francisco

Catalog Number: HTI56

Alternative Catalog Numbers: HTI-56

Record Creation Time: 20231110T034322+0000

Record Last Update: 20240725T083407+0000

Ratings and Alerts

No rating or validation information has been found for HTI-56.

No alerts have been found for HTI-56.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Nikoli? MZ, et al. (2017) Human embryonic lung epithelial tips are multipotent progenitors that can be expanded in vitro as long-term self-renewing organoids. eLife, 6.