

Resource Summary Report

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Segment Anything Model

RRID:SCR_023680

Type: Tool

Proper Citation

Segment Anything Model (RRID:SCR_023680)

Resource Information

URL: <https://segment-anything.com/>

Proper Citation: Segment Anything Model (RRID:SCR_023680)

Description: Promptable segmentation system with zero shot generalization to unfamiliar objects and images, without need for additional training. Github repository provides code for running inference with SegmentAnything Model, links for downloading trained model checkpoints, and example notebooks that show how to use the model.

Abbreviations: SAM

Synonyms: Meta Segment Anything Model

Resource Type: software resource

Defining Citation: [DOI:10.48550/arXiv.2304.02643](https://doi.org/10.48550/arXiv.2304.02643)

Keywords: Meta AI, segmentation system,

Resource Name: Segment Anything Model

Resource ID: SCR_023680

Alternate URLs: <https://github.com/facebookresearch/segment-anything>

License: Apache License 2.0

Record Creation Time: 20230616T050221+0000

Record Last Update: 20260801T190811+0000

Ratings and Alerts

No rating or validation information has been found for Segment Anything Model.

No alerts have been found for Segment Anything Model.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Almazroey AA, et al. (2025) SAM for Road Object Segmentation: Promising but Challenging. Journal of imaging, 11(6).

Shi C, et al. (2025) CellBinDB: a large-scale multimodal annotated dataset for cell segmentation with benchmarking of universal models. GigaScience, 14.

Wei Y, et al. (2025) SAM-dPCR: Accurate and Generalist Nuclei Acid Quantification Leveraging the Zero-Shot Segment Anything Model. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(7), e2406797.

Chen H, et al. (2025) Artificial intelligence assisted real-time recognition of intra-abdominal metastasis during laparoscopic gastric cancer surgery. NPJ digital medicine, 8(1), 9.

Busch GT, et al. (2025) Heterogeneous therapy-resistant cancer cells have distinct and exploitable drug sensitivity profiles. bioRxiv : the preprint server for biology.

Lee MR, et al. (2025) Organoid morphology-guided classification for oral cancer reveals prognosis. Cell reports. Medicine, 6(5), 102129.

Manzoni M, et al. (2025) MapIO: A Gestural and Conversational Interface for Tactile Maps. IEEE access : practical innovations, open solutions, 13, 84038.

Guo Y, et al. (2025) Enteropathogenic Escherichia coli induces Entamoeba histolytica superdiffusion movement on fibronectin by reducing traction forces. PLoS pathogens, 21(5), e1012618.

Kalweit G, et al. (2025) Leveraging a foundation model zoo for cell similarity search in oncological microscopy across devices. Frontiers in oncology, 15, 1480384.

Li J, et al. (2025) Non-destructive evaluation of defects in thermal barrier coating system using combined electromagnetic and thermographic signals. Nature communications, 16(1), 8697.

Marks M, et al. (2025) CellSAM: a foundation model for cell segmentation. Nature methods, 22(12), 2585.

Luna M, et al. (2024) Enhanced Nuclei Segmentation and Classification via Category Descriptors in the SAM Model. *Bioengineering* (Basel, Switzerland), 11(3).

Jimenez-Gaona Y, et al. (2024) BraNet: a mobile application for breast image classification based on deep learning algorithms. *Medical & biological engineering & computing*, 62(9), 2737.

Shen Z, et al. (2024) A deep learning framework deploying segment anything to detect pan-cancer mitotic figures from haematoxylin and eosin-stained slides. *Communications biology*, 7(1), 1674.

Niendorf T, et al. (2024) MRI of kidney size matters. *Magma* (New York, N.Y.), 37(4), 651.

Alansari M, et al. (2024) Drone-Person Tracking in Uniform Appearance Crowd: A New Dataset. *Scientific data*, 11(1), 15.

Wang Y, et al. (2024) A systematic evaluation of computation methods for cell segmentation. *bioRxiv : the preprint server for biology*.

Nanni L, et al. (2023) Improving Existing Segmentors Performance with Zero-Shot Segmentors. *Entropy* (Basel, Switzerland), 25(11).

Israel U, et al. (2023) A Foundation Model for Cell Segmentation. *bioRxiv : the preprint server for biology*.