

ICAM1 / CD54 antibody [N1C2]

Cat. No. GTX100450

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, IHC-P
Reactivity	Human, Rat

Reference (14)

★★★★★ Review (2)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW	58 kDa. (Note)
Observed MW	58 or 85~110 kDa. The observed M.W. is based on the following publication. PMID: 24474243

PROPERTIES

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human ICAM1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

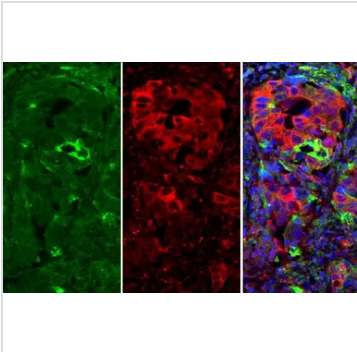
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES

GTx100450 IHC-P Image

ICAM1 / CD54 antibody [N1C2] detects ICAM1 / CD54 protein at cell membrane by immunohistochemical analysis.

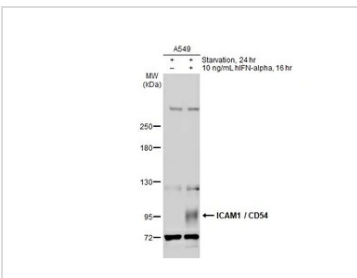
Sample: Paraffin-embedded human lung cancer.

Green: ICAM1 / CD54 stained by ICAM1 / CD54 antibody [N1C2] (GTx100450) diluted at 1:250.

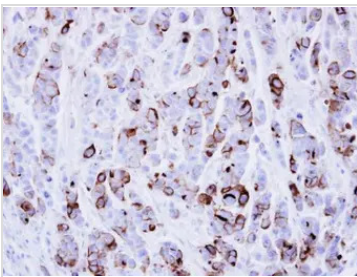
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTx628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

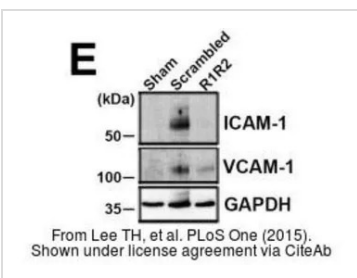

GTx100450 WB Image

Untreated (-) and treated (+) A549 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ICAM1 / CD54 antibody [N1C2] (GTx100450) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


GTx100450 IHC-P Image

Immunohistochemical analysis of paraffin-embedded MDAMB468 xenograft, using ICAM1 / CD54 (GTx100450) antibody at 1:500 dilution.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx100450 WB Image

The data was published in the journal PLoS One in 2015. [PMID: 25675397](https://doi.org/10.1371/journal.pone.0125397)



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