

ICAM1 / CD54 antibody [HL4447]

Cat. No. GTX644012

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Note : The FcR Blocking Reagent is recommended for use prior to the addition of the researcher's antibody to samples that contain human Fc receptor-expressing cells.

Not tested in other applications.

Observed MW (kDa)	85-95 kDa.
Product Note	This antibody is specific for human ICAM1 protein, and it does not cross-react with human ICAM3 and ICAM5 protein.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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 fragment of human ICAM1 / CD54.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

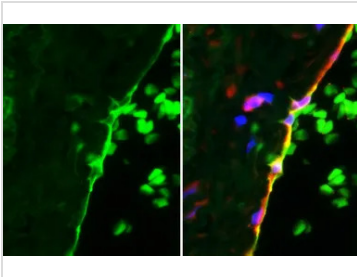


For full product information, images and publications, please visit our [website](#).

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

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX644012 IHC-P Image

ICAM1 / CD54 antibody [HL4447] detects ICAM1 / CD54 protein by immunohistochemical analysis.

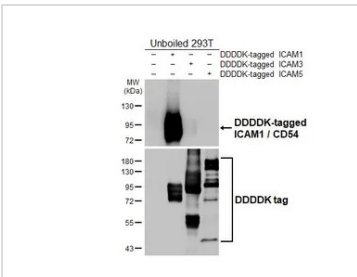
Sample: Paraffin-embedded human artery.

Green: ICAM1 / CD54 stained by ICAM1 / CD54 antibody [HL4447] (GTX644012) diluted at 1:200.

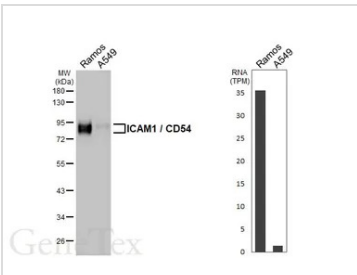
Red: VE-Cadherin antibody [GT1369] (GTX633705) diluted at 1:200.

Blue: Fluoroshield with DAPI (GTX30920).

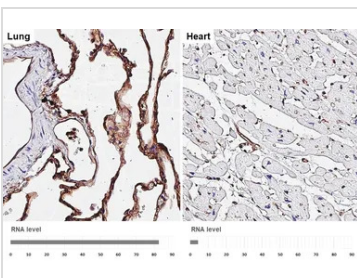
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX644012 WB Image

Non-transfected (–) and transfected (+) unboiled 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with ICAM1 / CD54 antibody [HL4447] (GTX644012) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX644012 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with ICAM1 / CD54 antibody [HL4447] (GTX644012) 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 femto Western HRP Substrate. Corresponding RNA expression data are based on Human Protein Atlas program.


GTX644012 IHC-P Image

ICAM1 / CD54 antibody [HL4447] detects ICAM1 / CD54 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human tissues.

ICAM1 / CD54 stained by ICAM1 / CD54 antibody [HL4447] (GTX644012) diluted at 1:250.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.



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