



Product datasheet

Anti-NK-2R antibody ab233295

[9 Images](#)

Overview

Product name	Anti-NK-2R antibody
Description	Rabbit polyclonal to NK-2R
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Human, Pig
Immunogen	Recombinant fragment (His-tag) corresponding to Human NK-2R aa 50-300. Expressed in E.coli. N-terminal tag. Database link: P21452
	 Run BLAST with  Run BLAST with
Positive control	WB: Human lung lysate; HeLa cell lysate; Pig small intestine and heart lysate; Recombinant human NK-2R protein. IHC-P: Human pancreatic cancer, breast cancer and stomach tissue. ICC/IF: HeLa cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab233295 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml.
ICC/IF		Use a concentration of 5 - 20 µg/ml.

Target

Function

This is a receptor for the tachykinin neuropeptide substance K (neurokinin A). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance K > neuromedin-K > substance P.

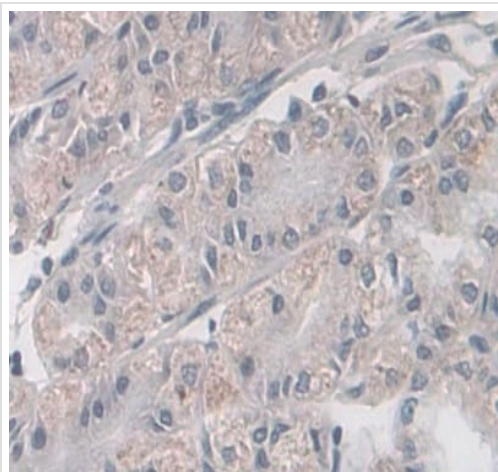
Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

Cellular localization

Cell membrane.

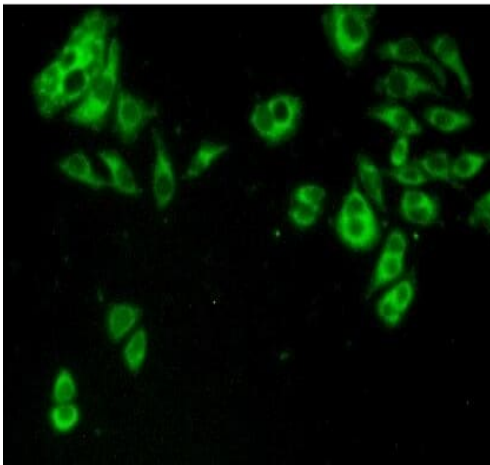
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NK-2R antibody (ab233295)

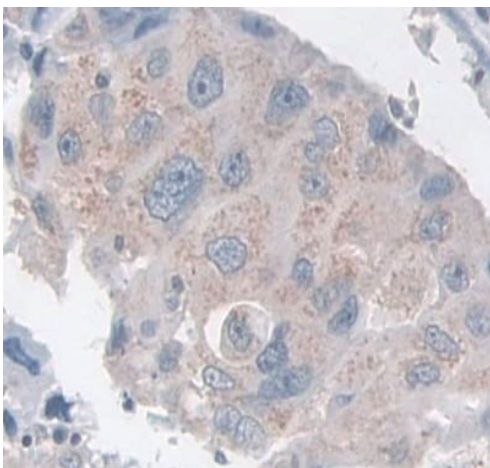
Formalin-fixed, paraffin-embedded human stomach tissue stained for NK-2R using ab233295 at 10 µg/mL in immunohistochemical analysis.

Secondary used: HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 2 µg/ml. DAB staining.



Immunocytochemistry/ Immunofluorescence - Anti-NK-2R antibody (ab233295)

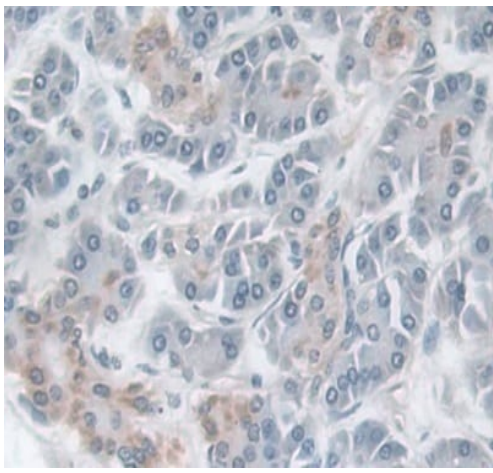
HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for NK-2R using ab233295 (green) at 10 µg/mL in ICC/IF. FITC-labeled secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NK-2R antibody (ab233295)

Formalin-fixed, paraffin-embedded human breast cancer tissue stained for NK-2R using ab233295 at 10 µg/mL in immunohistochemical analysis.

Secondary used: HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 2 µg/ml. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NK-2R antibody (ab233295)

Formalin-fixed, paraffin-embedded human pancreatic cancer tissue stained for NK-2R using ab233295 at 10 µg/mL in immunohistochemical analysis.

Secondary used: HRP-Linked Goat Anti-Rabbit IgG Polyclonal at 2 µg/mL. DAB staining.

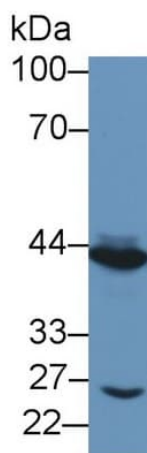


Western blot - Anti-NK-2R antibody (ab233295)

Anti-NK-2R antibody (ab233295) at 1 µg/mL + Pig heart lysate

Secondary

HRP-Linked Goat anti-Rabbit IgG polyclonal at 0.2 µg/mL

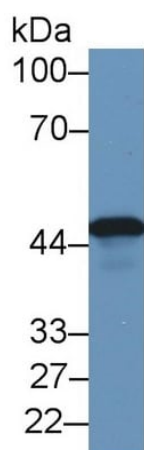


Western blot - Anti-NK-2R antibody (ab233295)

Anti-NK-2R antibody (ab233295) at 1 µg/mL + Pig small intestine lysate

Secondary

HRP-Linked Goat anti-Rabbit IgG polyclonal at 0.2 µg/mL

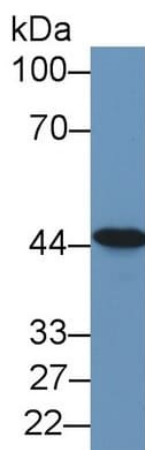


Western blot - Anti-NK-2R antibody (ab233295)

Anti-NK-2R antibody (ab233295) at 1 µg/ml + HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

Secondary

HRP-Linked Goat anti-Rabbit IgG polyclonal at 0.2 µg/ml

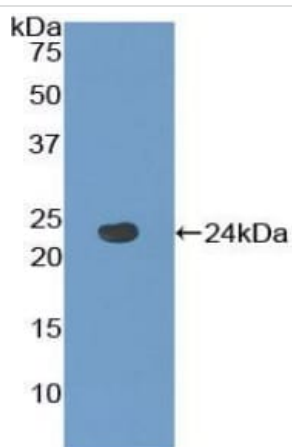


Western blot - Anti-NK-2R antibody (ab233295)

Anti-NK-2R antibody (ab233295) at 1 µg/ml + Human lung lysate

Secondary

HRP-Linked Goat anti-Rabbit IgG polyclonal at 0.2 µg/ml



Western blot - Anti-NK-2R antibody (ab233295)

Anti-NK-2R antibody (ab233295) at 2 µg/ml + Recombinant human NK-2R protein

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors