

### Anti-NKG2A antibody ab96319

[3 Images](#)

#### Overview

<b>Product name</b>	Anti-NKG2A antibody
<b>Description</b>	Rabbit polyclonal to NKG2A
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human NKG2A (N terminal). The exact sequence is proprietary. Carrier protein conjugated.
<b>Positive control</b>	WB: A431 and HepG2 cell lysate. ICC/IF: HeLa cells. IHC-P: H1299 xenograft.
<b>General notes</b>	<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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab96319 in the following tested applications.

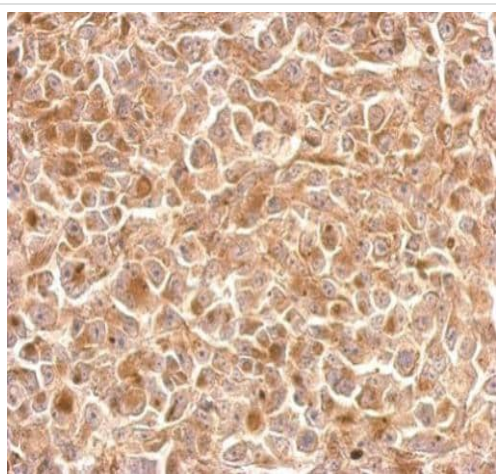
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/1000.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/500 - 1/3000. Predicted molecular weight: 26 kDa.

## Target

Function	Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells.
Tissue specificity	Natural killer cells.
Sequence similarities	Contains 1 C-type lectin domain.
Cellular localization	Membrane.

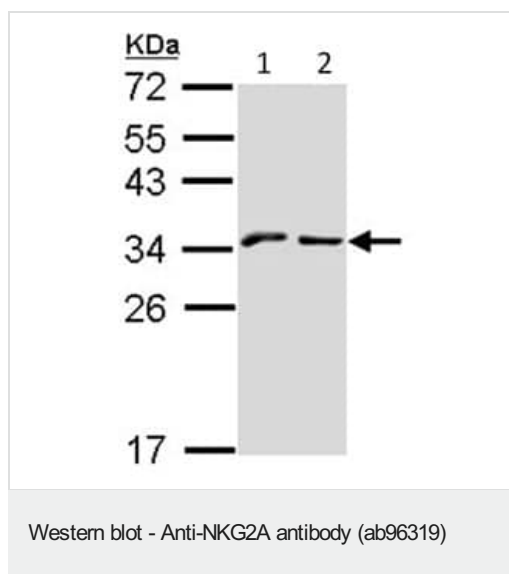
## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NKG2A antibody (ab96319)

Paraffin-embedded H1299 xenograft stained for NKG2A using ab96319 at a 1/500 dilution in immunohistochemistry.

Antigen Retrieval: EDTA based, pH 8.0 buffer, 15 mins.



**All lanes :** Anti-NKG2A antibody (ab96319) at 1/1000 dilution

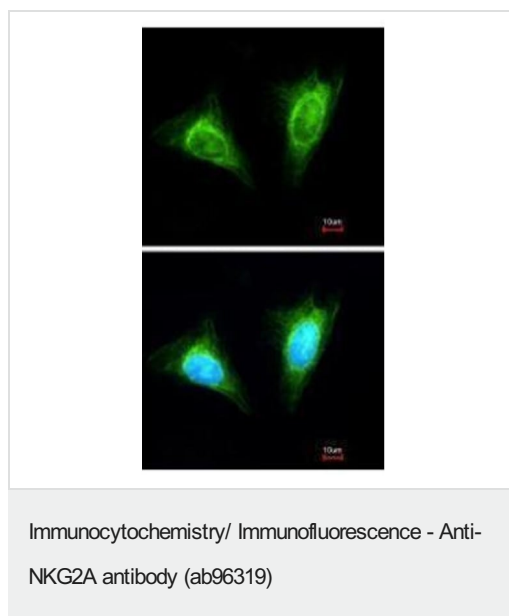
**Lane 1 :** A431 (human epidermoid carcinoma cell line) whole cell lysate

**Lane 2 :** HepG2 (human liver hepatocellular carcinoma cell line) whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 26 kDa

12% SDS PAGE



Methanol-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells labeled for NKG2A using ab96319 at a 1/200 dilution in immunocytochemistry.

Bottom panel co-stained with Hoechst 33342.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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