

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12054 - Goat Anti-Pycard (rodent) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Pycard, PYD and CARD domain containing, 9130417A21Rik, Asc, CARD5, TMS-1, TNS1, masc, PYD and CARD domain-containing protein, apoptosis-associated speck-like protein containing a CARD

**Official Symbol:** Pycard

**Accession Number(s):** NP\_075747.3

**Human GeneID(s):** [29108](#)

**Non-Human GeneID(s):** 66824 (mouse), 282817 (rat)

### Immunogen

Peptide with sequence C-DLTDKLVSYYLES, from the internal region of the protein sequence according to NP\_075747.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

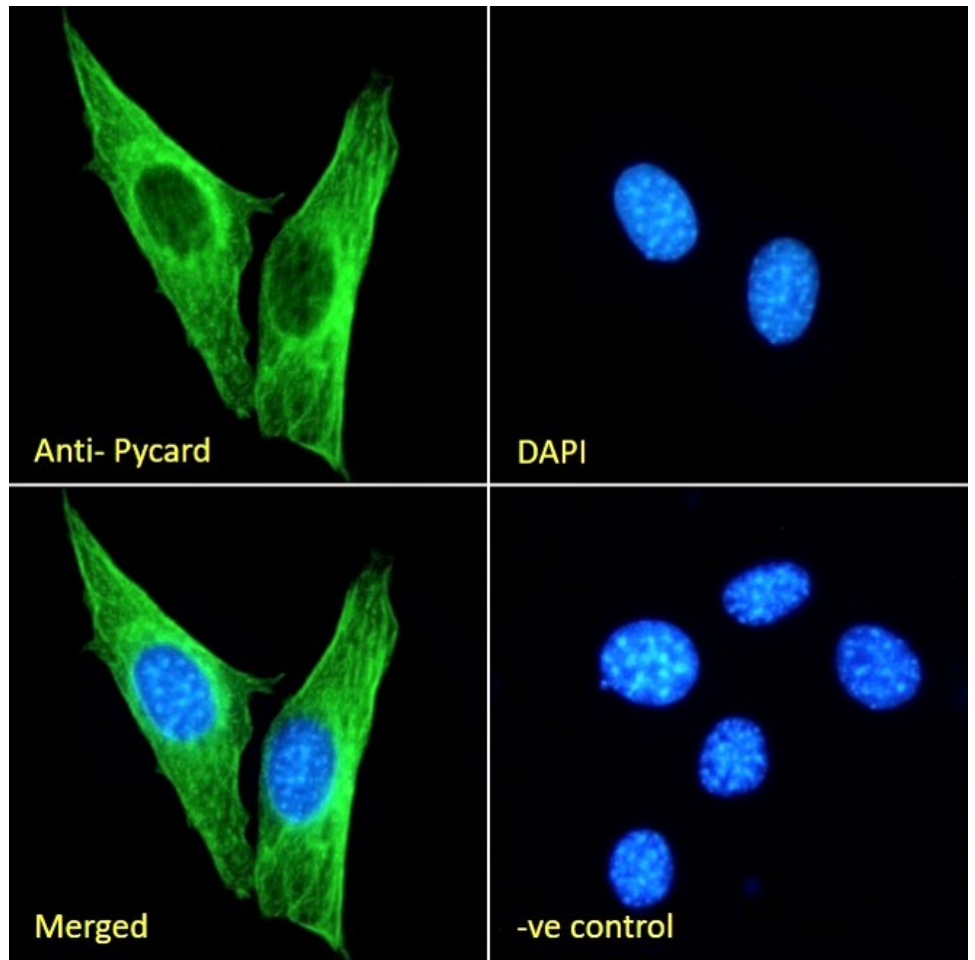
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of NIH3T3, KNRK and HeLa cells. Recommended concentration: 10µg/ml.

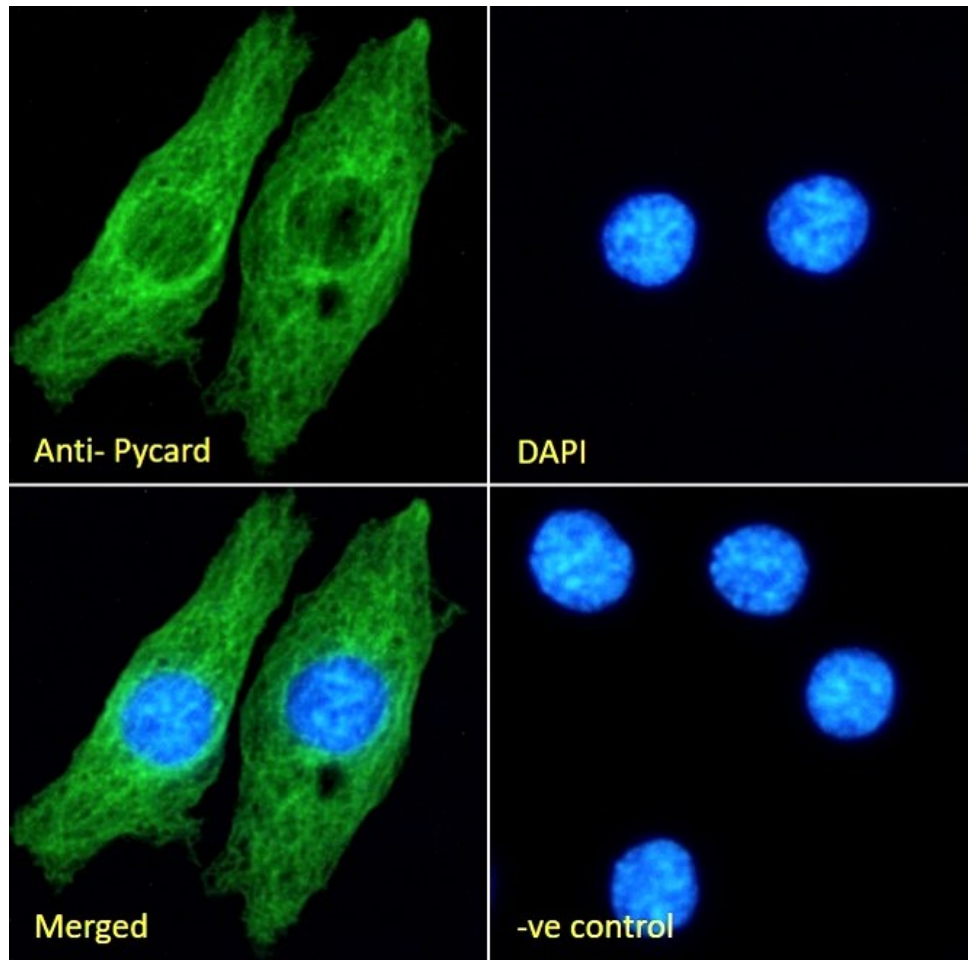
### Species Reactivity

**Tested:** Human, Mouse, Rat

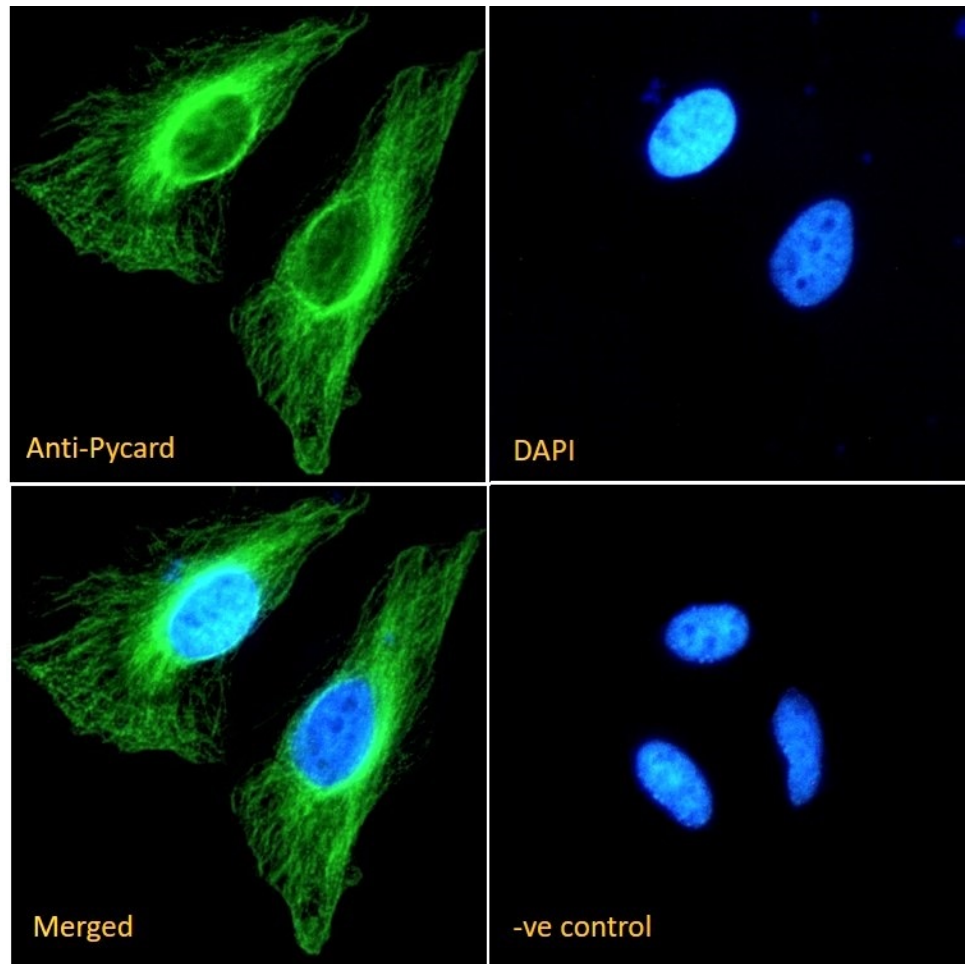
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB12054 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB12054 Immunofluorescence analysis of paraformaldehyde fixed KNRK cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB12054 Immunofluorescence analysis of paraformaldehyde fixed HeLa. Primary incubation 1hr (1:50 dilution) followed by Alexa Fluor® 488 secondary antibody (1:2000 dilution), showing cytoplasmic and membrane staining. The nuclear stain is DAPI (blue). Negative control: Anti-Goat IgG followed by Alexa Fluor® 488 secondary antibody.