

Product datasheet

Anti-CD168 antibody [2F2C9] ab234065

3 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-CD168 antibody [2F2C9] |
| Description | Mouse monoclonal [2F2C9] to CD168 |
| Host species | Mouse |
| Tested applications | Suitable for: WB, Flow Cyt |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant fragment corresponding to Human CD168 aa 306-497. (Expressed in E.coli). Database link: O75330 |
| Positive control | WB: Human CD168 (aa 306-497) recombinant protein; CD168 (aa 306-497)-hlgGFc transfected HEK-293 cell lysate. Flow Cyt: 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 | Preservative: 0.05% Sodium azide Constituent: PBS |
| Purity | Protein G purified |
| Purification notes | Purified from tissue culture supernatant. |
| Clonality | Monoclonal |
| Clone number | 2F2C9 |
| Isotype | IgG1 |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab234065 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 |
|-------------|-----------|--|
| WB | | 1/100 - 1/500. Predicted molecular weight: 84 kDa. |
| Flow Cyt | | 1/200 - 1/400. |

Target

Function

Involved in cell motility. When hyaluronan binds to HMMR, the phosphorylation of a number of proteins, including the focal adhesion kinase occurs. May also be involved in cellular transformation and metastasis formation, and in regulating extracellular-regulated kinase (ERK) activity.

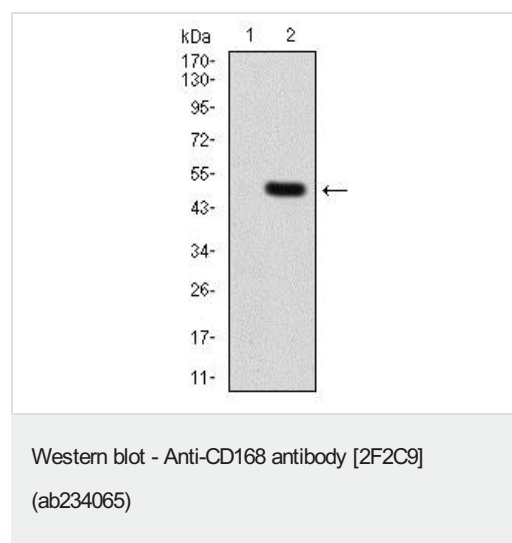
Tissue specificity

Expressed in breast cancer cell lines and in normal breast tissue.

Cellular localization

Cell surface. Cytoplasm.

Images

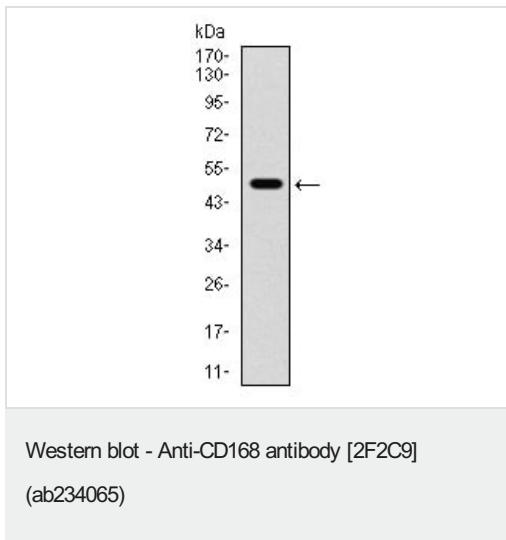


All lanes : Anti-CD168 antibody [2F2C9] (ab234065) at 1/100 dilution

Lane 1 : HEK-293 (human epithelial cell line from embryonic kidney) cell lysate

Lane 2 : CD168 (aa 306-497)-hlgGfC transfected HEK-293 cell lysate

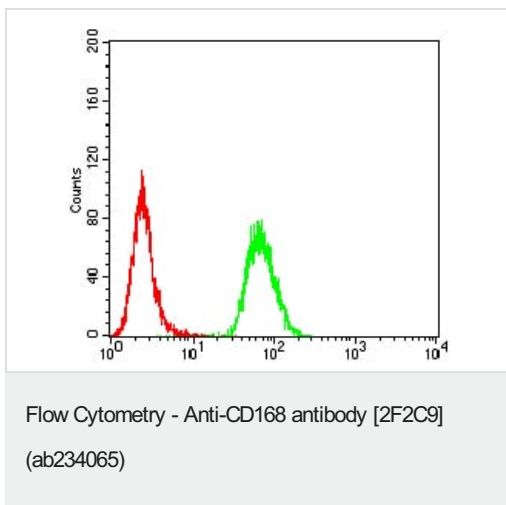
Predicted band size: 84 kDa



Anti-CD168 antibody [2F2C9] (ab234065) at 1/100 dilution +
Human CD168 (aa 306-497) recombinant protein

Predicted band size: 84 kDa

Expected MW is 48.3 kDa.



Flow cytometric analysis of HeLa (human epithelial cell line from cervix adenocarcinoma) cell line labeling CD168 with ab234065 at 1/200 dilution (green) compared with a negative control (red).

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

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- 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

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