

Datasheet for ABIN5611212
anti-Protocadherin 9 antibody (AA 24-148)

6 Images

[Go to Product page](#)

Overview

| | |
|----------------------|---|
| Quantity: | 0.1 mg |
| Target: | Protocadherin 9 (PCDH9) |
| Binding Specificity: | AA 24-148 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Protocadherin 9 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (IHC), Flow Cytometry (FACS), Neutralization (Neut) |

Product Details

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|---------------|---|
| Immunogen: | Purified recombinant fragment of human PCDH9 (AA: 24-148) expressed in E. coli. |
| Clone: | 7G3A2 |
| Isotype: | IgG1 |
| Purification: | purified |

Target Details

| | |
|-------------------|--|
| Target: | Protocadherin 9 (PCDH9) |
| Alternative Name: | PCDH9 (PCDH9 Products) |
| Background: | This gene encodes a member of the protocadherin family, and cadherin superfamily, of |

Target Details

transmembrane proteins containing cadherin domains. These proteins mediate cell adhesion in neural tissues in the presence of calcium. The encoded protein may be involved in signaling at neuronal synaptic junctions. Sharing a characteristic with other protocadherin genes, this gene has a notably large exon that encodes multiple cadherin domains and a transmembrane region. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

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|-------------------|---------|
| Molecular Weight: | 136 kDa |
|-------------------|---------|

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|----------|------|
| Gene ID: | 5101 |
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|-------|------|
| HGNC: | 5101 |
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Application Details

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| Application Notes: | ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:50- 1:250, FCM: 1:200 - 1:400, IHC: N/A |
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| Restrictions: | For Research Use only |
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Handling

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|---------|--------|
| Format: | Liquid |
|---------|--------|

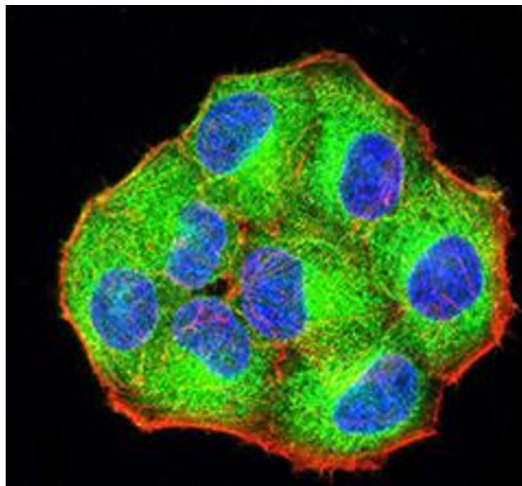
| | |
|---------|---|
| Buffer: | Purified antibody in PBS with 0.05 % sodium azide |
|---------|---|

| | |
|---------------|--------------|
| Preservative: | Sodium azide |
|---------------|--------------|

| | |
|--------------------|--|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
|--------------------|--|

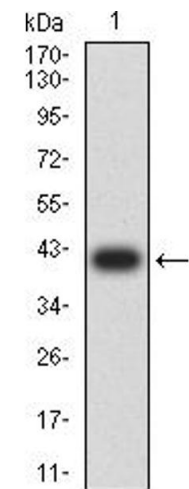
| | |
|----------|-------------|
| Storage: | 4 °C/-20 °C |
|----------|-------------|

| | |
|------------------|----------------------------------|
| Storage Comment: | 4°C, -20°C for long term storage |
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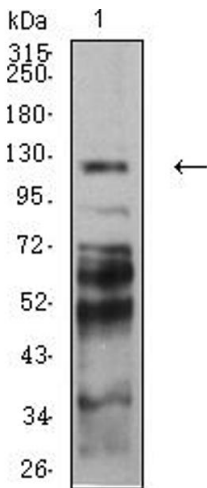
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using PCDH9 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Western Blotting

Image 2. Western blot analysis using PCDH9 mAb against human PCDH9 (AA: 24-148) recombinant protein. (Expected MW is 40 kDa)



Western Blotting

Image 3. Western blot analysis using PCDH9 mouse mAb against C6 (1) cell lysate.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5611212.