

## Product datasheet

# Anti-PCDH19 antibody ab57510

★★★★☆ 3 Abreviews 1 References 画像数 2

### 製品の概要

製品名	Anti-PCDH19 antibody
製品の詳細	Mouse monoclonal to PCDH19
由来種	Mouse
アプリケーション	適用あり: WB, Flow Cyt
種交差性	交差種: Human
免疫原	Recombinant fragment: RLVPRDVEET DKMNVVSCSS LTSSLNYFDYHQQTLPLGCR RSESTFLNVE NQNTRNTSAN HIYHHSFNSQ GPQQPDLIIN GAPLPETENY SFDSNYVNSR , corresponding to amino acids 241-341 of Human PCDH19 <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None PBS, pH 7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG2a
軽鎖の種類	kappa

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab57510** in the following tested applications.

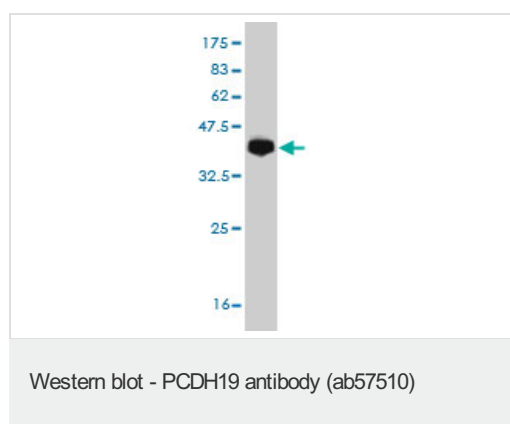
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリ ケーション	Abreviews	特記事項
WB	★★★★☆	Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.
Flow Cyt		Use 0.5µg for 10 <sup>6</sup> cells. <a href="#">ab170191</a> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

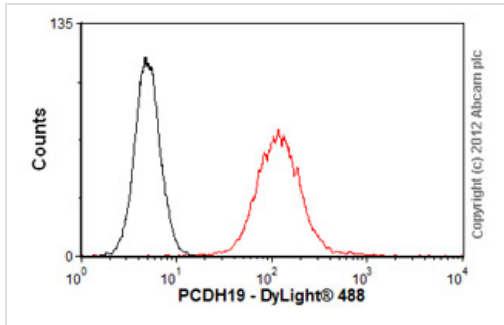
## ターゲット情報

機能	Potential calcium-dependent cell-adhesion protein.
組織特異性	Moderately expressed in all regions of the brain examined, with lowest levels found in the cerebellum. Moderate expression is also found in ovary, and low expression in all other tissues tested. Also detected in primary skin fibroblast.
関連疾患	Epileptic encephalopathy, early infantile, 9
配列類似性	Contains 6 cadherin domains.
発生段階	Expressed in developing cortical plate, amygdala and subcortical regions and in the ganglionic eminence.
細胞内局在	Cell membrane.

## 画像



Western blot against tagged recombinant protein immunogen using ab57510 PCDH19 antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa



Flow Cytometry-Anti-PCDH19 antibody(ab57510)

Overlay histogram showing SH-SY5Y cells stained with ab57510 (red line). The cells were fixed with 80% methanol (5 min) and incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab57510, 0.5µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (ab96879) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] (ab91361, 1µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive result in 4% paraformaldehyde (10 min) fixed SH-SY5Y cells used under the same conditions.

Please note that Abcam do not have any data for use of this antibody on non-fixed cells. We welcome any customer feedback.

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