

## Product datasheet

# Anti-LLGL2 antibody ab55423

2 References [画像数 3](#)

### 製品の概要

製品名	Anti-LLGL2 antibody
製品の詳細	Mouse monoclonal to LLGL2
由来種	Mouse
アプリケーション	<b>適用あり:</b> IHC-P, WB, Flow Cyt
種交差性	<b>交差種:</b> Human, Recombinant fragment
免疫原	Recombinant fragment: SLKVKGGASE LQEDESFTLR GPPGAAPSAT QITVVLPHSS CELLYLGTES GNVFVVQLPA FRALEDRTIS SDAVLQRLPE EARHRRVFEM VEALQEHP, corresponding to amino acids 101-200 of Human LLGL2 <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 **ab55423** in the following tested applications.

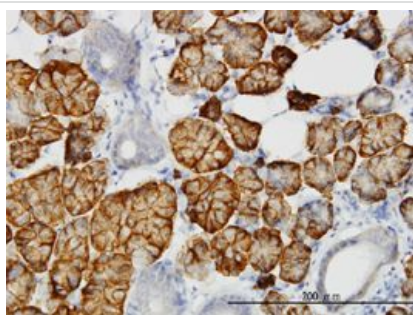
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリ ケーション	Abreviews	特記事項
IHC-P		Use a concentration of 1 µg/ml.
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

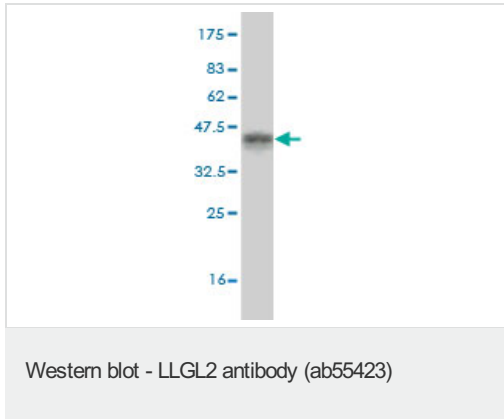
機能	Part of a complex with GPSM2/LGN, PRKCI/aPKC and PARD6B/Par-6, which may ensure the correct organization and orientation of bipolar spindles for normal cell division. This complex plays roles in the initial phase of the establishment of epithelial cell polarity.
配列類似性	Belongs to the WD repeat L(2)GL family. Contains 14 WD repeats.
翻訳後修飾	Phosphorylated at Ser-653 by PRKCI. Phosphorylation is enhanced during cell polarization induced by calcium. Phosphorylation may occur during the cell-cell contact-induced cell polarization and may contribute to the segregation of LLGL2 from the PRKCI/aPKC and PARD6B/Par-6 complex.
細胞内局在	Cytoplasm. Localized in the perinuclear structure and faintly at the cell-cell contacts sites in the interphase. Localized at the cell periphery during metaphase. Cortical localization in mitotic cells. Found in the lateral region of polarized epithelial cells.

## 画像

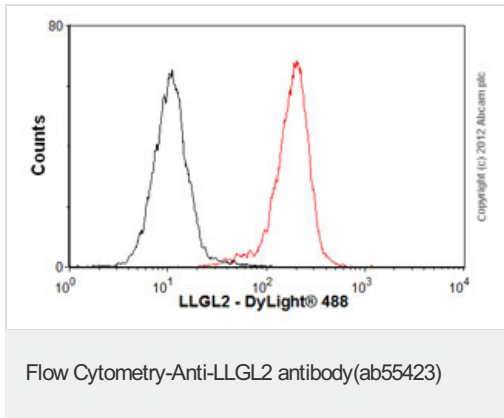


LLGL2 antibody (ab55423) used in immunohistochemistry at 1ug/ml on formalin fixed and paraffin embedded human salivary gland.

IHC-P - LLGL2 antibody (ab55423)



Western blot against tagged recombinant protein immunogen using ab55423 LLGL2 antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa



Overlay histogram showing K562 cells stained with ab55423 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab55423, 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.

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