

# Anti-Activin A Receptor Type IB/ALK-4 antibody [MM0054-11A7] ab78415

**1** [References](#)   **画像数** [2](#)

### 製品の概要

|              |   |
|--------------|---|
| 製品名          | Anti-Activin A Receptor Type IB/ALK-4 antibody [MM0054-11A7]  |
| 製品の詳細        | Mouse monoclonal [MM0054-11A7] to Activin A Receptor Type IB/ALK-4  |
| 由来種          | Mouse   |
| 特異性          | ab78415 detects Activin A Receptor Type IB (ALK4). No cross reactivity was found to Activin A Receptor Type IA (ALK2).  |
| アプリケーション     | <b>適用あり:</b> WB, IHC-P  |
| 種交差性         | <b>交差種:</b> Human   |
| 免疫原          | Recombinant fragment corresponding to Human Activin A Receptor Type IB/ALK-4 (extracellular).   |
| ポジティブ・コントロール | WB: Human embryonic tissue lysate. IHC-P: Human placental tissue.   |
| 特記事項         | <p>This antibody was produced from a hybridoma (mouse myeloma) fused with spleen cells from an immunized mouse.</p> <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&amp;As</p> |

### 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. Avoid repeated freeze / thaw cycles.               |
| バッファー   | Constituent: PBS   |
| 精製度     | Protein G purified   |
| 一次抗体 備考 | This antibody was produced from a hybridoma (mouse myeloma) fused with spleen cells from an immunized mouse. |
| ポリ/モノ   | モノクローナル  |

クローン名 MM0054-11A7  
アイソタイプ IgG1

#### アプリケーション

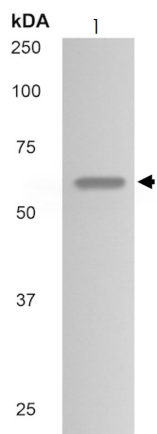
**The Abpromise guarantee** **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab78415の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| WB       |           | 1/100 - 1/1000. Predicted molecular weight: 57 kDa. |
| IHC-P    |           | 1/50.   |

#### ターゲット情報

|       |  |
|-------|--|
| 機能    | On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Phosphorylates TDP2. |
| 組織特異性 | Expressed in many tissues, most strongly in kidney, pancreas, brain, lung, and liver.  |
| 配列類似性 | Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. TGFB receptor subfamily.<br>Contains 1 GS domain.<br>Contains 1 protein kinase domain.   |
| 翻訳後修飾 | Autophosphorylated.  |
| 細胞内局在 | Membrane.  |
| 製品の状態 | There are 3 isoforms produced by alternative splicing. Isoform 1 also known as SKR2-1; isoform 2 as SKR2-2; isoform 3 as SKR2-3.   |

#### 画像

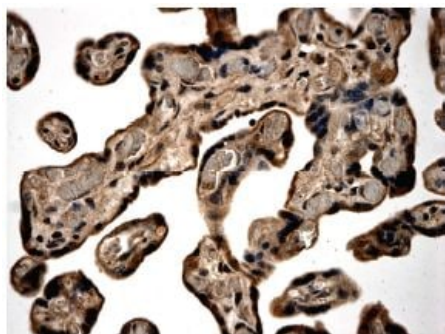


Anti-Activin A Receptor Type IB/ALK-4 antibody [MM0054-11A7]  
(ab78415) at 1/100 dilution + Human embryonic tissue lysate

**Predicted band size:** 57 kDa

**Observed band size:** 58 kDa

Western blot - Anti-Activin A Receptor Type IB/ALK-4 antibody [MM0054-11A7] (ab78415)



ab78415 at 1/50 dilution, staining Activin A Receptor Type IB/ALK-4 in human placental tissue section by Immunohistochemistry (Formalin/PFA fixed paraffin-embedded sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Activin A Receptor Type IB/ALK-4 antibody [MM0054-11A7] (ab78415)

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

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