

### IRAK2 peptide ab6233

#### 製品の詳細

---

製品名	IRAK2 peptide
Animal free	No
由来	Synthetic

#### 特性

---

Our **Abpromise guarantee** covers the use of **ab6233** 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                      Blocking

製品の状態                              Liquid

備考                                      The pro-inflammatory cytokine IL-1 induces cellular response through two subunits of its receptor, IL-1 receptor I (IL-1RI) and IL-1 receptor accessory protein (IL-1RAcP). IL-1 receptor-associated kinase (IRAK) mediates activation of NF- $\kappa$ B, which is a pivotal transcription factor mediating inflammatory and immune response. A novel member in the IRAK/Pelle family was recently identified and designated IRAK2. Both IRAK and IRAK2 recruit to the subunits of the IL-1R complex after IL-1 binding and lead to NF- $\kappa$ B activation. IRAKs also associate with Toll-like receptor (TLR) and the dominant negative mutants of IRAKs inhibit LPS-induced NF- $\kappa$ B activation. Members in the IRAK/Pelle family play a central role in IL-1R and TLR mediated inflammatory response. IRAK2 is expressed in a variety of human tissues.

#### 前処理および保存

---

保存方法および安定性                      Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. The product can be stored for up to 12 months.

pH: 7.20  
Preservative: 0.02% Sodium azide  
Constituents: 0.1% BSA, PBS

#### 関連情報

---

機能                                      Binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization.

組織特異性                              Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and

	peripheral blood leukocytes.
<b>配列類似性</b>	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 death domain. Contains 1 protein kinase domain.
<b>ドメイン</b>	The protein kinase domain is predicted to be catalytically inactive.

---

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors