

**IRAK2 / IRAK-2 Antibody (clone 6C7)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS14389****Specification**

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**IRAK2 / IRAK-2 Antibody (clone 6C7) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC                |
| Primary Accession | <a href="#">O43187</a> |
| Reactivity        | Human                  |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 69kDa KDa              |

**IRAK2 / IRAK-2 Antibody (clone 6C7) - Additional Information****Gene ID** 3656**Other Names**

Interleukin-1 receptor-associated kinase-like 2, IRAK-2, IRAK2

**Target/Specificity**

Human IRAK2

**Reconstitution & Storage**

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

**Precautions**

IRAK2 / IRAK-2 Antibody (clone 6C7) is for research use only and not for use in diagnostic or therapeutic procedures.

**IRAK2 / IRAK-2 Antibody (clone 6C7) - Protein Information****Name** IRAK2**Function**

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

**Tissue Location**

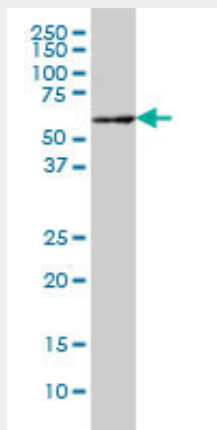
Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and peripheral blood leukocytes

**IRAK2 / IRAK-2 Antibody (clone 6C7) - Protocols**

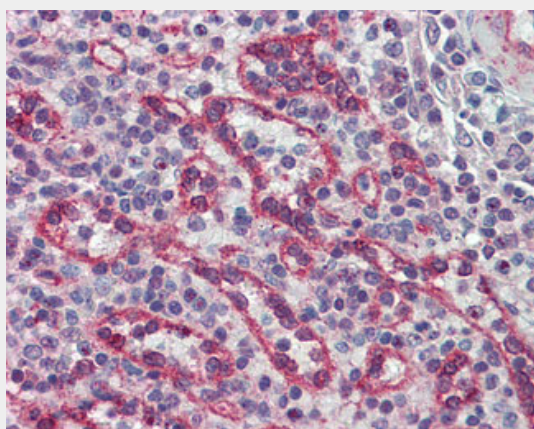
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **IRAK2 / IRAK-2 Antibody (clone 6C7) - Images**



Western blot of IRAK2 expression in K-562 cell lysate.



Anti-IRAK2 antibody IHC of human spleen.

#### **IRAK2 / IRAK-2 Antibody (clone 6C7) - Background**

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

#### **IRAK2 / IRAK-2 Antibody (clone 6C7) - References**

Rosati O., et al. Submitted (JUL-2002) to the EMBL/GenBank/DDBJ databases.  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Muzio M., et al. Science 278:1612-1615(1997).  
Wesche H., et al. J. Biol. Chem. 274:19403-19410(1999).  
Lin S.-C., et al. Nature 465:885-890(2010).