

IER2 Antibody (Center V136) Blocking Peptide
Synthetic peptide
Catalog # BP6835c**Specification**

IER2 Antibody (Center V136) Blocking Peptide - Product InformationPrimary Accession [Q9BTL4](#)**IER2 Antibody (Center V136) Blocking Peptide - Additional Information****Gene ID** 9592**Other Names**

Immediate early response gene 2 protein, Protein ETR101, IER2, ETR101

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6835c](/products/AP6835c) was selected from the Center region of human IER2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IER2 Antibody (Center V136) Blocking Peptide - Protein Information**Name** IER2 ([HGNC:28871](#))**Function**

DNA-binding protein that seems to act as a transcription factor (PubMed:[19584537](http://www.uniprot.org/citations/19584537)). Involved in the regulation of neuronal differentiation, acts upon JNK-signaling pathway activation and plays a role in neurite outgrowth in hippocampal cells (By similarity). May mediate with FIBP FGF-signaling in the establishment of laterality in the embryo (By similarity). Promotes cell motility, seems to stimulate tumor metastasis (PubMed:[22120713](http://www.uniprot.org/citations/22120713)).

Cellular Location

Cytoplasm. Nucleus. Note=Cytoplasmic during quiescence, translocates to the nucleus upon stimulation

Tissue Location

Expressed in activated T-cells (at protein level) (PubMed:22120713). Expression increases in metastatic tumor cells (at protein level) (PubMed:22120713).

IER2 Antibody (Center V136) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

IER2 Antibody (Center V136) Blocking Peptide - Images**IER2 Antibody (Center V136) Blocking Peptide - Background**

IER2 belongs to a family of immediate early response proteins, and it is thought to play a role in mediating the cellular responses to a variety of extracellular signals.

IER2 Antibody (Center V136) Blocking Peptide - References

Takaya,T., et.al., Biosci. Biotechnol. Biochem. 73 (7), 1653-1660 (2009)