

CE045 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10770c**Specification**

CE045 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q6NTE8](#)**CE045 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 51149**Other Names**

UPF0544 protein C5orf45, C5orf45

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.

CE045 Antibody (Center) Blocking peptide - Protein Information**Name** MRNIP ([HGNC:30817](#))**Synonyms** C5orf45**Function**

Plays a role in the cellular response to DNA damage and the maintenance of genome stability through its association with the MRN damage-sensing complex (PubMed:27568553). Promotes chromatin loading and activity of the MRN complex to facilitate subsequent ATM-mediated DNA damage response signaling and DNA repair (PubMed:27568553).

Cellular Location

Nucleus. Nucleus, nucleoplasm. Note=Recruited to sites of DNA damage (PubMed:27568553). Phosphorylation on Ser-115 induces its nuclear localization and promotes genome stability (PubMed:27568553)

CE045 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CE045 Antibody (Center) Blocking peptide - Images

CE045 Antibody (Center) Blocking peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)