



ORAI1 Peptide

CATALOG NO.: 4041P

LOCATION: 18 amino acids near the amino terminus of human ORAI1 (1).

APPLICATION:

The peptide is used for blocking the activity of ORAI1 antibody (catalog number 4041). It usually blocks the antibody activity completely in Western blot by incubating the peptide with equal volume of antibody for 30 min at 37°C.

For research use only.

STORAGE:

It is supplied as 50 µg at 200 µg/ml in PBS pH7.2 (10 mM NaH₂PO₄, 10 mM Na₂HPO₄, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide. Store at -20°C, stable for one year.

REFERENCE:

1. Feske S, Gwack Y, Prakriya M, et al. A mutation in Orai1 causes immune deficiency by abrogating CRAC channel function. *Nature* 2006; 441:179-85.