

Store at  
-20°C

200 mM HEPES, pH 8.0



Cell Signaling  
TECHNOLOGY®

#44686

60 ml

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New 09/18

**For Research Use Only. Not For Use In Diagnostic Procedures.**

**Description:** HEPES (4-(2-hydroxyethyl)-1-piperazineethane-sulfonic acid) is a commonly used biological buffer due to superior physiological pH stability over a range of temperatures and conditions.

**Directions for Use:** 200 mM HEPES Buffer, pH 8.0 can be used as a 10X buffer stock for use in our PTMScan® protocols. Dilute the stock solution to 20mM final concentration using high-quality purified water, such as reverse osmosis deionized (RODI) purified or equivalent water.

**Storage:** Can be stored at 4°C for up to one month, long term storage should be at -20°C. Shelf life is 12 months at -20°C.

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**Applications:** W—Western IP—Immunoprecipitation IHC—Immunohistochemistry ChIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry E-P—ELISA-Peptide **Species Cross-Reactivity:** H—human M—mouse R—rat Hm—hamster Mk—monkey Mi—mink C—chicken Dm—D. melanogaster X—Xenopus Z—zebrafish B—bovine Dg—dog Pg—pig Sc—S. cerevisiae Ce—C. elegans Hr—Horse All—all species expected Species enclosed in parentheses are predicted to react based on 100% homology.