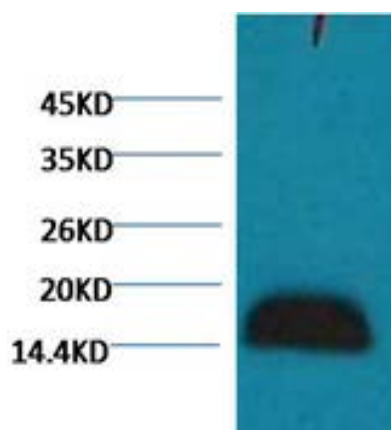




## Histone H3 Mouse Monoclonal Antibody

E12-148

**Catalog Number:** E12-148**Amount:** 100µg/100µl**Background:** Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.**Form of Antibody:** Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year. Do not aliquot the antibody.**Specificity/Sensitivity:** The Histone H3 antibody can detects Zebrafish endogenous Histone H3 protein.**Reactivity:** Zebrafish**Applications:** WB: 1:1,000-3,000

Western blot analysis of Zebrafish skeletal muscle with E12-148 diluted at 1:2,000.

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