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# Product datasheet for TA422485

## Phospho Histone H2A (Ser129) Rabbit Monoclonal Antibody [Clone ID: OTIRA0304]

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | OTIRA0304 |
| **Applications:** | WB |
| **Recommended Dilution:** | WB 1:1000~1:2000 |
| **Reactivity:** | Yeast |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Monoclonal |
| **Immunogen:** | A synthesized peptide derived from yeast Phospho-Histone H2A (S129) |
| **Specificity:** | Phospho-Histone H2A (S129) Antibody detects endogenous levels of total Phospho-Histone H2A (S129) |
| **Formulation:** | Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| **Concentration:** | lot specific |
| **Purification:** | Affinity-chromatography |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at +4°C short term. Store at -21°C long term. Avoid freeze / thaw cycle. |
| **Predicted Protein Size:** | 14kDa |
| **Database Link:** | P04912 |
| **Background:** | H2A.1 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. |



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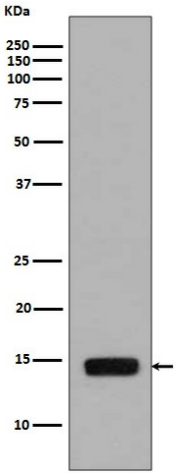
**Synonyms:** FLJ92027; H2A.1; H2A/c; H2A1; H2AFC; H2AFD; H2AFI; H2AFN; H2AFP; H2A histone family, member C; HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AL; HIST1H2AM

## Product images:




Western blot analysis of Phospho-Histone H2A (S129) expression in Saccharomyces cerevisiae treated with Methyl methanesulfonate.