

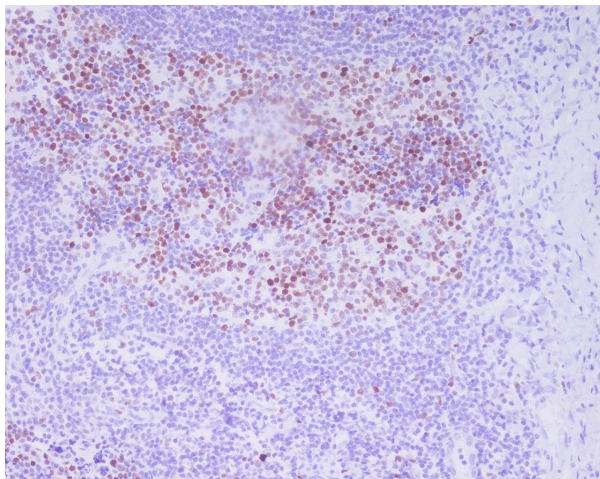
## Product datasheet for TA422252

### H3.3A (H3F3A) Rabbit Monoclonal Antibody

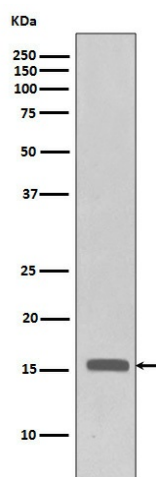
#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500~1:2000 IHC 1:50~1:200 ICC 1:50~1:200 FC 1:50
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human Phospho-Histone H3 (T3)
Specificity:	Phospho-Histone H3 (T3) Antibody detects endogenous levels of total Phospho-Histone H3 (T3)
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Predicted Protein Size:	16kDa
Gene Name:	H3 histone, family 3A
Database Link:	<a href="#">Entrez Gene 3020 Human P84243</a>
Background:	H3 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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Synonyms:	H3 histone family, member A; H3/A; H3FA; H3FB; H3FC; H3FD; H3FF; H3FH; H3FI; H3FJ; H3FK; H3FL; H3I; HIST1H3A


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**Product images:**


Immunohistochemical analysis of paraffin-embedded human tonsil, using Phospho-Histone H3 (T3) Antibody.



Western blot analysis of Phospho-Histone H3 (Thr3) in HeLa cell lysates treated with FBS + Calyculin A.