Biotin Conjugated-Phospho-ERK1-T202 + ERK2-T185 Rabbit mAb

Catalog NO.: AP0485BC Recombinant

Basic Information

Observed MW

Calculated MW
42 kDa/44 kDa

Category
Monoclonal Antibodies

Applications
IHC-P

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Biotin

Clone number
ARC0100

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

Recommended Dilutions

IHC-P	1:25 - 1:100

Immunogen Information

Gene ID
5594/5595

Swiss Prot
P28482/P27361

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
H3.4; H3/g; H3FT; H3t; H3/A; H3FA; ERK1 / ERK2; Phospho-ERK1-T202 + ERK2-T185

Contact

Product Information

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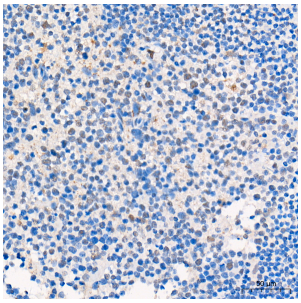
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Biotin Conjugated-Phospho-ERK1-T202 + ERK2-T185 Rabbit mAb (AP0485BC) at a dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

For research use only. Not for therapeutic or diagnostic purposes.

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