

DRAP1 mouse monoclonal antibody (hybridoma)

Catalog # H00010589-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant DRAP1.
Immunogen	DRAP1 (NP_006433.2, 1 a.a. ~ 205 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPSKKKKYNARFPPARIKKIMQTDEEIGKVAAAVPVIISRALELFLESLLKKACQVTQSRNAKTMTT SHLKQCIELEQQDFDLKDLVASVPDMQQGDGEDNHMDGDKGARRGRKPGSGGRKNGGMGTSK DKKLSGTDSEQEDESEDTDTDGEEETSQPPPQASHPSAHFQSPPTPFLPFASTLPLPPAPPGP SAPDEEDEEDYDS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Western Blot (Recombinant protein)
[Protocol Download](#)
- ELISA

Gene Info — DRAP1

Entrez GeneID [10589](#)**GeneBank Accession#** [NM_006442.2](#)**Protein Accession#** [NP_006433.2](#)**Gene Name** DRAP1**Gene Alias** NC2-alpha**Gene Description** DR1-associated protein 1 (negative cofactor 2 alpha)**Omim ID** [602289](#)**Gene Ontology** [Hyperlink](#)

Gene Summary

Transcriptional repression is a general mechanism for regulating transcriptional initiation in organisms ranging from yeast to humans. Accurate initiation of transcription from eukaryotic protein-encoding genes requires the assembly of a large multiprotein complex consisting of RNA polymerase II and general transcription factors such as TFIIA, TFIIB, and TFIID. DR1 is a repressor that interacts with the TATA-binding protein (TBP) of TFIID and prevents the formation of an active transcription complex by precluding the entry of TFIIA and/or TFIIB into the preinitiation complex. The protein encoded by this gene is a corepressor of transcription that interacts with DR1 to enhance DR1-mediated repression. The interaction between this corepressor and DR1 is required for corepressor function and appears to stabilize the TBP-DR1-DNA complex. [provided by RefSeq]

Other Designations DR1-associated corepressor|DR1-associated protein 1|negative cofactor 2 alpha