

ANXA6 mouse monoclonal antibody (hybridoma)

Catalog # H00000309-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ANXA6.
Immunogen	ANXA6 (NP_001146.2, 1 a.a. ~ 673 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAKPAQGAKYRGSIHDFPGFDPNQDAEALYTAMKGFGSDKEAILDITSRSNRQRQEVCSYKSL YGKDLIADLKYELETGKFERLIVGLMRPPAYCDAKEIKDAISGIGTDEKCLIEILASRTNEQMHQLVAAY KDAYERDLEADIIGDTSGHFQKMLVLLQGTTREDDVVSSEDLVQQDVQDLYEAGELKWGTDEAQ FYLGNRSKQHLRLVFDEYLKTTGKPIEASIRGELSGDFEKLMLAVVKCIRSTPEYFAERLFKAMKG LGTRDNTLIRIMVSRSELDMLDIREIFRTKYEKSLSYMIKNDTSGEYKKTLLKLSGGDDDAAGQFFPE AAQVAYQMWELSAVARVELKGTVRPANDFNPDADAKALRKAMKGLGTDEDTIIDITHRSNVQRQ QIRQTFKSHFGRDLMTDLKSEISGDLARLILGLMMPPAHYDAKQLKKAMEGAGTDEKALIEILATRT NAEIRAINAEYKEDYHKSLEDALSSDTSGHFRRILISLATGHREEGGENLDQAREDAQVAEILEIAD TPSGDKTSLETRFMILCTRSYPHLRRVFQEFIKMTNYDVEHTIKKEMSGDVRFDAFVAVQSVKNKP LFFADKLYKSMKGAGTDEKTLTRIMVSRSEIDLLNIRREFIEKYDKSLHQAIEGDTSGDFLKALLALC GGED
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (95)
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 — ANXA6

Entrez GeneID [309](#)

GeneBank Accession# [NM_001155.3](#)

Protein Accession# [NP_001146.2](#)

Gene Name ANXA6

Gene Alias ANX6, CBP68

Gene Description annexin A6

Omim ID [114070](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Annexin VI belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Exon 21 of annexin VI is alternatively spliced, giving rise to two isoforms that differ by a 6-amino acid insertion at the start of the seventh repeat. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. [provided by RefSeq]

Other Designations annexin VI|annexin VI (p68)|calcium-binding protein p68|calelectrin|calphobindin II

Disease

- [Femur Head Necrosis](#)
- [Genetic Predisposition to Disease](#)