

Antibody Validation Report

aVR.CRYAB.P02511.AB_2809975.v1.0 (November 30_2020)



A. Basic Target Information

Target Information

UniProt Accession Number: P02511

Target Name: Alpha-crystallin B chain

Antibody Information

RRID: AB_2809975

Antibody Name: CRYAB Recombinant Rabbit Monoclonal Antibody (JA50-32)

Host Organism: Rabbit

Clonality: Monoclonal

Vendor: Thermo

Catalog Number: MA5-32698

Lot Number: VJ3102077

Recombinant (Y/N): Yes

Organ/Tissue used for validation: U2-O2

HuBMAP Platform Used: IP-MS

Protocols.io doi for Validation Protocol: 10.17504/protocols.io.bqutmwwn

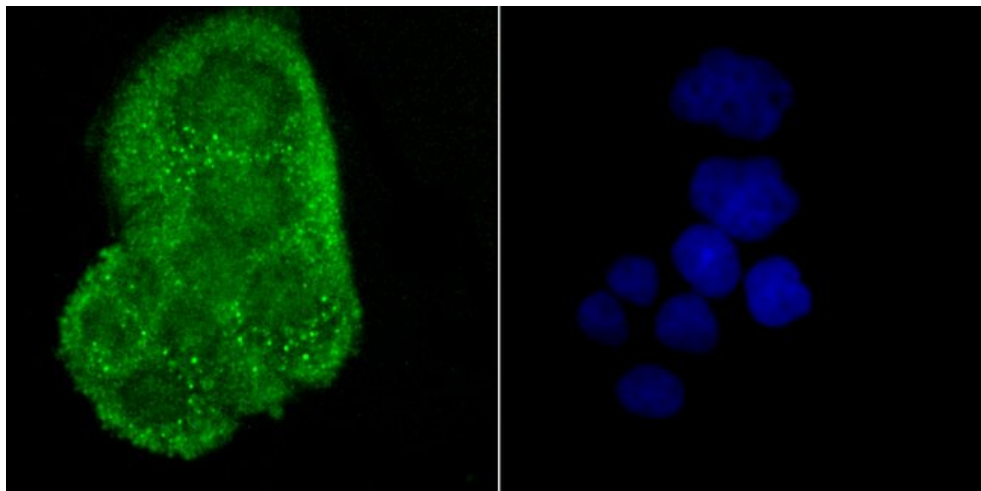
ORCID ID of submitter: 0000-0002-4745-8129

B. Validation Data

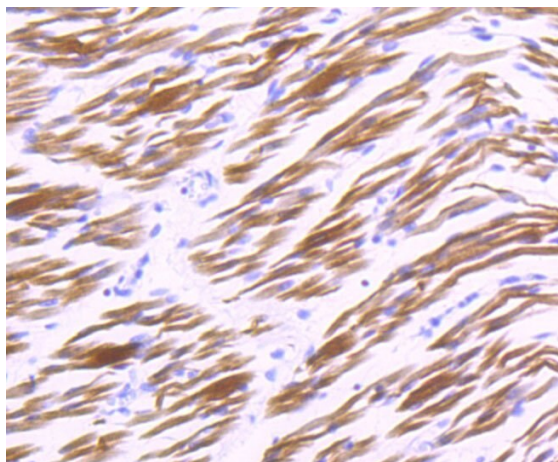
B.1. Vendor Validation: IP, WB, IF, IHC

Date Accessed: 11/30/20

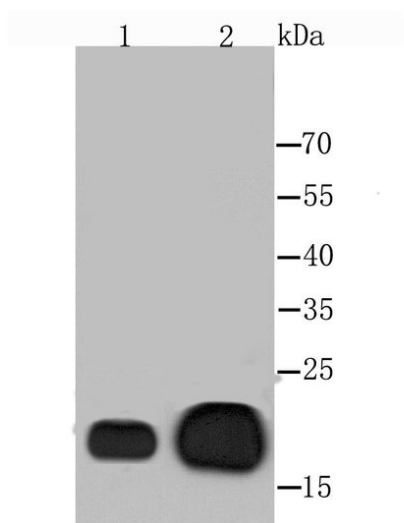
URL: <https://www.thermofisher.com/antibody/product/CRYAB-Antibody-clone-JA50-32-Recombinant-Monoclonal/MA5-32698>



Immunocytochemical analysis of CRYAB in HeLa cells using a CRYAB Monoclonal antibody (Product # MA5-32698) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X100/PBS.



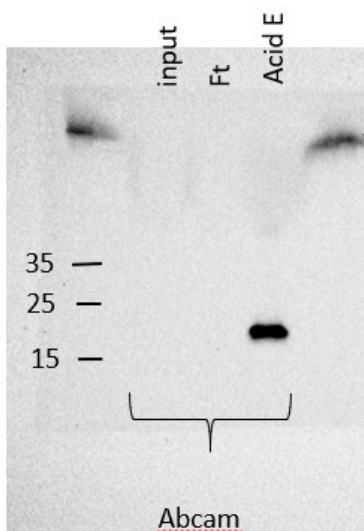
Immunohistochemical analysis of CRYAB of paraffin-embedded Human embryonic skeletal muscle tissue using a CRYAB Monoclonal antibody (Product #MA5-32698). Counter stained with hematoxylin.



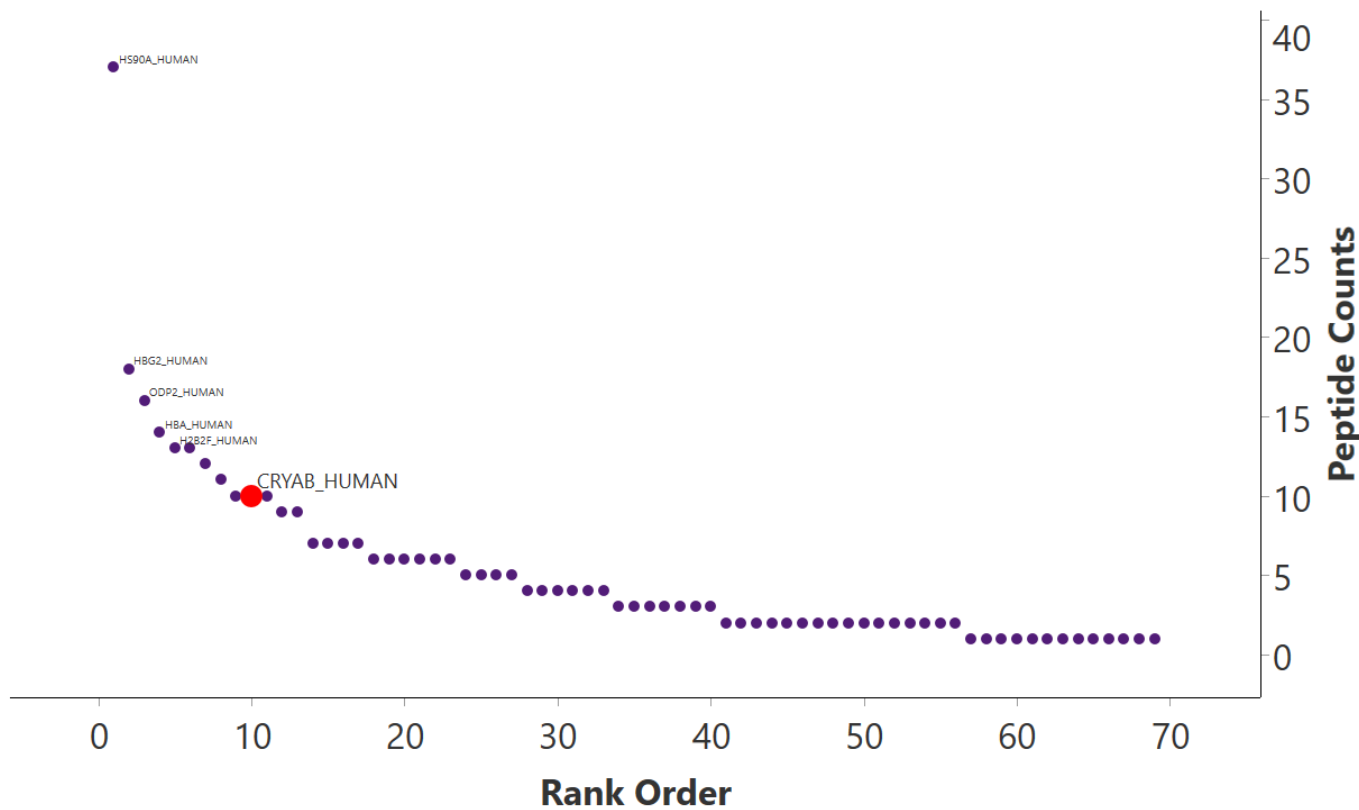
Western blot analysis of CRYAB in muscle (1) and mouse heart (2) tissues lysate using a CRYAB Monoclonal antibody (Product # MA5-32698) at a dilution of 1:1,000.

B.2. Laboratory Validation:

Immunoprecipitation/Western Blot



Immunoprecipitation/Bottom-Up MS



Protter (Omasits et al., Bioinformatics. 2013 Nov 21)

