

DATASHEET

ST13 Rabbit Monoclonal Antibody(C1858)

CAT. NO. AMA01470

KEY FEATURES

| | | | |
|---------------|--|---------------|--------------|
| Target | ST13 | Source / Host | Rabbit |
| Reactivity | Human, Mouse | Clonality | Monoclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide. | Storage | at-20°C |

BACKGROUND

One HIP oligomer binds the ATPase domains of at least two HSC70 molecules dependent on activation of the HSC70 ATPase by HSP40. Stabilizes the ADP state of HSC70 that has a high affinity for substrate protein. Through its own chaperone activity, it may contribute to the interaction of HSC70 with various target proteins .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|----|----------------|
| WB | 1:500 - 1:1000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

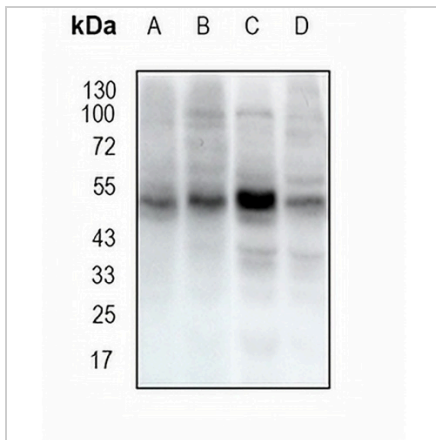
| | |
|-------------------|--|
| Description | Recombinant rabbit monoclonal antibody to ST13 |
| Specificity | Recognizes endogenous levels of ST13 protein |
| Antibody Type | Primary antibody, Recombinant |
| Immunogen | KLH-conjugated synthetic peptide encompassing a sequence within human ST13 protein. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 41 kD; Observed: 47 kD |
| Form/Buffer | Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide. |
| Alternative Names | AAG2; FAM10A1; HIP; SNC6; Hsc70-interacting protein; Hip; Aging-associated protein 2; Progesterone receptor-associated p48 protein; Protein FAM10A1; Putative tumor suppressor ST13; Renal carcinoma antigen NY-REN-33; Suppression of tumorigenicity 13 protein |
| Gene Symbol | ST13 |
| Entrez Gene | 6767(Human); 70356(Mouse) |
| SwissProt | P50502(Human); Q99L47(Mouse) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**ST13 Rabbit Monoclonal Antibody(C1858)**

CAT. NO. AMA01470

DATA

Western blot analysis of ST13 expression in mouse liver (A), mouse kidney (B), HEK293T (C), MDAMB231 (D) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 47 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.