

## Anti-SFPQ Monoclonal Antibody

Catalog Number: M02243

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## Overview

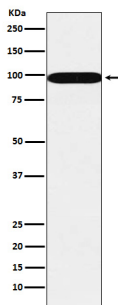
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-SFPQ Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactive Species     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Description          | Boster Bio Anti-SFPQ Monoclonal Antibody catalog # M02243. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.                                                                                                                                                                                                                                                                                                    |
| Application          | IF, IHC, ICC, WB                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Clonality            | Monoclonal AECI-19                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formulation          | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                         |
| Host                 | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Uniprot ID           | P23246                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Technical Details

|               |                                                                                                                                                                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen     | A synthesized peptide derived from human SFPQ DNA- and RNA binding protein, involved in several nuclear processes. Essential pre-mRNA splicing factor required early in spliceosome formation and for splicing catalytic step II, probably as a heteromer with NONO. Binds to pre-mRNA in spliceosome C complex, and specifically binds to intronic polypyrimidine tracts. |
| Isotype       | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                 |
| Form          | Liquid                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration | 0.5mg/ml                                                                                                                                                                                                                                                                                                                                                                   |

| Purification        | Affinity-chromatography                          |
|---------------------|--------------------------------------------------|
| Suggested Dilutions | WB 1:500-2000<br>IHC 1:50-200<br>ICC/IF 1:50-200 |

## Anti-SFPQ Monoclonal Antibody (M02243) Images



Western blot analysis of SFPQ expression in A431 cell lysate.

### Anti-SFPQ Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.