Hsc70 monoclonal antibody, clone 1B5

Catalog # MAB2191 Size 50 ug

Specification

Product Description	Rat monoclonal antibody raised against native Hsc70.
Immunogen	Native purified Hsc70 from Chinese hamster cells.
Host	Rat
Theoretical MW (kDa)	73
Reactivity	Birds, Bovine, Chicken, Dog, Guinea pig, Hamster, Human, Monkey, Mouse, Pig, Rat, Sheep
Specificity	Hsc70 purified from sodium arsenite treated heat-resistant variants. This antibody detects a 73 KDa protein on HeLa Heat Shocked Cell Lysate SDS-PAGE immunoblots, corresponding to the molecular weight of Hsc70.
Form	Liquid
Isotype	IgG2a
Quality Control Testing	Antibody Reactive Against Native Purified Protein.
Recommend Usage	Western Blot (0.1 ug/mL) Immunoprecipitation (5 ug/mL) Immunohistochemistry (5 ug/mL) Immunocytochemistry (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 1 mM PMSF)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry
- Immunocytochemistry

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- Immunoprecipitation
- Western Blot

Publication Reference

- Effects of oocyte-derived paracrine factors on release of extracellular vesicles by murine mural granulosa cells in vitro.

  Yuta Matsuno, Natsumi Maruyama, Wataru Fujii, Kunihiko Naito, Koji Sugiura

  Anim Sci J 2020 Jun; 91(1):e13385.

  Application: WB

- Characterization of mRNA profiles of the exosome-like vesicles in porcine follicular fluid.

  Matsuno Y, Kanke T, Maruyama N, Fujii W, Naito K, Sugiura K.

  PLoS One 2019 Jun; 14(6):e0217760.

  Application: WB, Pig, Exosome-like vesicles in the exosomal fraction isolated from porcine follicular fluids

- Effects of exosome-like vesicles on cumulus expansion in pigs in vitro.

  Matsuno Y, Onuma A, Fujioka YA, Yasuhara K, Fujii W, Naito K, Sugiura K.

  The Journal of Reproduction and Development 2017 Feb; 63(1):51.

  Application: WB, Pig, Exosomal fraction and mural granulosa cells from Porcine ovaries

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