

HSP60 (AB1343) mouse mAb

W0353

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 60 kDa (calculated)
- 60 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1343

Immunogen A synthetic peptide corresponding to the amino acid region 500 - 573 of the human HSP60 protein.

Specificity The antibody can specifically recognize human HSP60 protein. In western blotting of K562, A431, MCF7 cell lysates, the antibody can label a 60 kDa band corresponding to HSP60.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name HSPD1

Protein Name HSP60

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P10809	3329

Background HSPs are a group of stress proteins induced by cells stimulated by stressors, which are related to tumorigenesis, proliferation and differentiation. According to their molecular weight, they can be divided into three types, and the distribution and function of HSPs in each group are different. HSP60 is mainly used for the study of colon cancer, tongue squamous cell carcinoma, pancreatic cancer and breast cancer, and may have prognostic significance.