

KD-Validated Anti-Calpastatin Mouse Monoclonal Antibody

Mouse monoclonal antibody

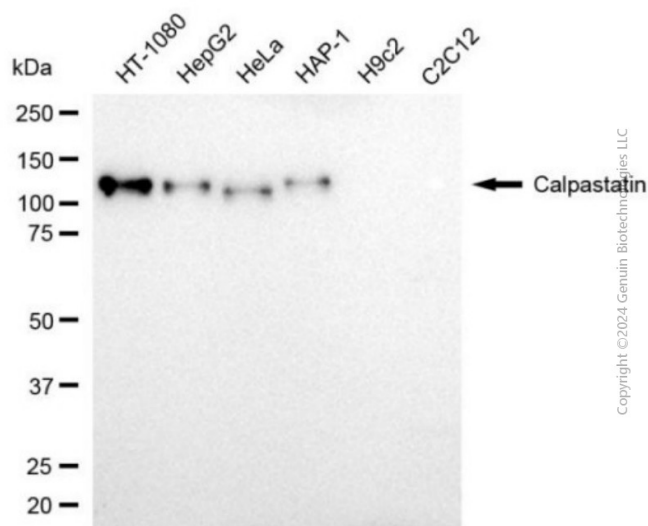
ABG1940

Product Overview

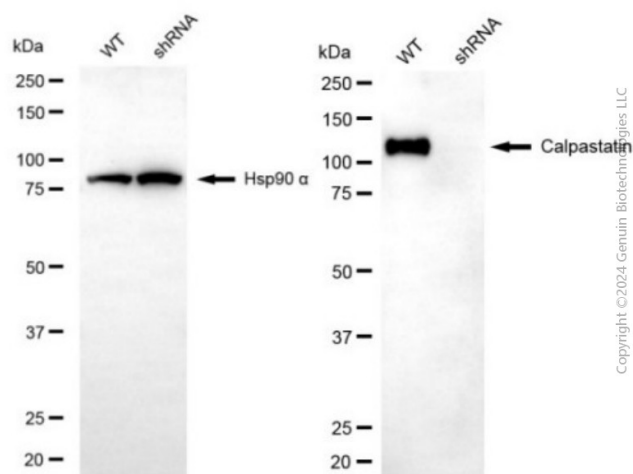
Name	KD-Validated Anti-Calpastatin Mouse Monoclonal Antibody
Accession(Primary)	P20810
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human CAST
Species Reactivity	Human
Calculated MW	Predicted, 77 kDa, observed, 120 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000

Target information (P20810)

Gene Name	CAST
About Gene Symbol	CAST (Calpastatin) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-calpastatin antibody (Cat#ABG1940). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-calpastatin antibody (Cat#ABG1940, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-calpastatin antibody (Cat#ABG1940). Calpastatin expression in wild type (WT) and calpastatin (CAST) shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-calpastatin antibody (Cat#ABG1940, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.