LDHA Rabbit mAb

CAB28205

Description

This LDHA Rabbit mAb is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB28205
Contents:	LDHA Rabbit mAb: 1 vial (20 µl / 100 µl) Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibodies
Synonyms:	LDHM; GSD11; PIG19; HEL-S-133P
Clone:	ARC77247
Applications:	WB, IF/ICC, ELISA
Reactivity:	Human, Mouse, Rat

Antibody Data

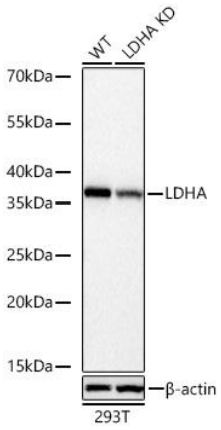
Gene ID:	3939
Uniprot:	P00338
Immunogen:	Recombinant protein (or fragment). This information is considered to be commercially sensitive.
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	37 kDa

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Preparation & Storage

Storage:	Store at -20°C. Avoid freeze/thaw cycles. Buffer: PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3. Store Bradford Reagent at Room Temperature for 1 Year.
Recommended Dilutions:	**WB:** 1:2000 - 1:15000 **IF/ICC:** 1:200 - 1:400 **ELISA:** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000), a sequential dilution method is strongly recommended to ensure measurement accuracy.
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data



Western blot analysis of lysates from wild type (WT) and LDHA knockdown (KD) 293T cells using LDHA Rabbit mAb (CAB28205) at 1:5000 dilution incubated overnight at 4°C.

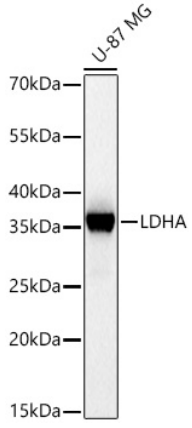
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 1 s.



Western blot analysis of lysates from U-87 MG cells using LDHA Rabbit mAb (CAB28205) at 1:5000 dilution incubated overnight at 4°C.

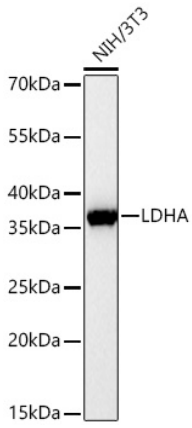
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 1 s.



Western blot analysis of lysates from NIH/3T3 cells using LDHA Rabbit mAb (CAB28205) at 1:5000 dilution incubated overnight at 4°C.

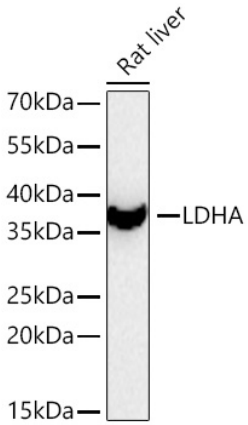
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 30 s.



Western blot analysis of lysates from Rat liver using LDHA Rabbit mAb (CAB28205) at 1:5000 dilution incubated at room temperature for 1.5 hours.

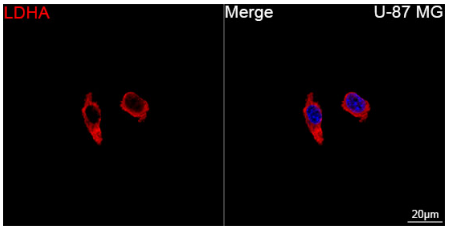
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 30 s.



Confocal imaging of U-87 MG cells using LDHA Rabbit mAb (CAB28205, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.