

## Anti-Flotillin 2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

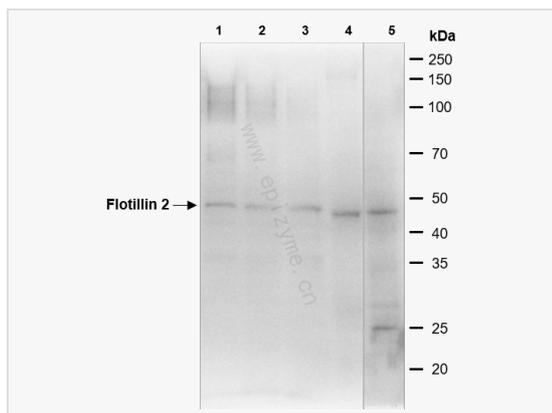
Catalog # R013830

### Product Information

Application	IHC-P/IF (Tissue-P), WB, ELISA
Reactivity	Rat, Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	90E21L43
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Flotillin 2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Flotillin 2 Rabbit mAb [90E21L43] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	ECS-1, ECS1, Epidermal surface antigen 1, Epidermal surface antigen, ESA, ESA1, Flot2, FLOT2_HUMAN, Flotillin 2 (epidermal surface antigen 1), Flotillin-2, M17S1, Membrane component chromosome 17 surface marker 1, Membrane component chromosome 17 surface marker 1 homolog, membrane component, chromosome 17, surface marker 1 (35kD protein identified by monoclonal antibody ECS-1), Membrane component, chromosome 17, surface marker 1, REG-1, Reggie-1, Reggie-2.
Calculated MW	Calculated MW: 47 kDa; Observed MW: 47 kDa
Uniprot ID	Q14254
Gene ID	2319
Background	May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles. May be involved in epidermal cell adhesion and epidermal structure and function.
Cellular Location	Cell membrane. Membrane > caveola. Endosome. Membrane-associated protein of caveolae.
Tissue Location	In skin, expressed in epidermis and epidermal appendages but not in dermis. Expressed in all layers of the epidermis except the basal layer. In hair follicles, expressed in the suprabasal layer but not the basal layer. Also expressed in melanoma and carcinoma cell lines, fibroblasts and foreskin melanocytes.



Western Blot - Anti-Flotillin 2 Rabbit mAb [90E21L43]

All lanes: R013830 at 1:1,000 dilution

Lane 1: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 2: SW620 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 3: HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 4: Rat heart whole tissue lysates

Lane 5: Balb/c mouse kidney whole tissue lysates

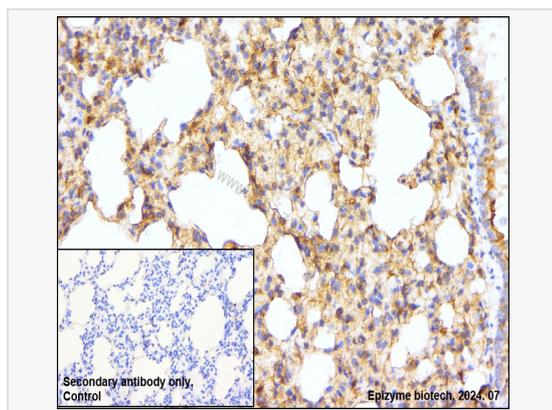
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 47 kDa

Observed band size: 47 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Flotillin 2 Rabbit mAb [90E21L43]

Sample: Paraformaldehyde-fixed, paraffin embedded rat lung tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013830 at 1:200 dilution

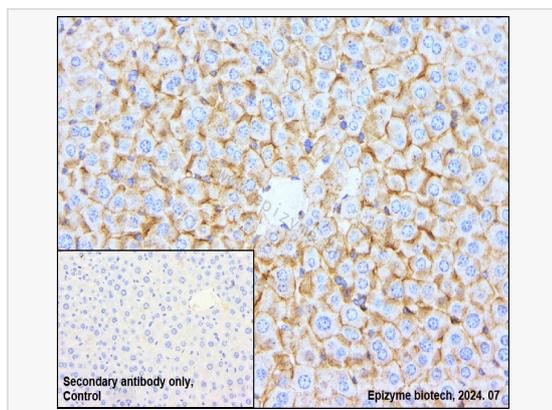
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-Flotillin 2 Rabbit mAb [90E21L43]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse liver tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013830 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.