

Goat anti-Flotillin 2 / FLOT2 (C Term) Antibody

Item Number	dAP-0498
Target Molecule	Principle Name: Flotillin 2 / FLOT2 (C Term); Official Symbol: FLOT2; All Names and Symbols: FLOT2; flotillin 2; reggie-1; ESA; ESA1; M17S1; Flotillin 2 (epidermal surface antigen 1); ECS-1; ECS1; membrane component; chromosome 17; surface marker 1 (35kD protein identified by monoclonal antibody ECS-1); Accession Number (s): NP_004466.2; Human Gene ID(s): 2319; Non-Human GeneID(s):
Immunogen	SKIPLIKKATGVQV, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 48kDa band observed in Human Brain (Cerebellum), Lung and Testis lysates (calculated MW of 47.1kDa according to NP_004466.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Tonsil and Kidney. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Rajendran L, Masilamani M, Solomon S, Tikkanen R, Stuermer CA, Plattner H, Illges H. Asymmetric localization of flotillins/reggies in preassembled platforms confers inherent polarity to hematopoietic cells. Proc Natl Acad Sci U S A. 2003 Jul 8;100(14):8241-6. Epub 2003

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**