

For Research Use Only

ASCC2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86086-2-PBS



Basic Information

| | | |
|-------------------------------------|---|--|
| Catalog Number: 86086-2-PBS | GenBank Accession Number: BC025368 | Purification Method: Protein A purification |
| Source: Rabbit | GeneID (NCBI): 84164 | CloneNo.: 250566B11 |
| Isotype: IgG | UNIPROT ID: Q9H1I8 | |
| Immunogen Catalog Number: AG2100 | Full Name: activating signal cointegrator 1 complex subunit 2 | |
| | Calculated MW: 757 aa, 86 kDa | |
| | Observed MW: 90-100 kDa | |

Applications

Tested Applications:
IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

ASCC2, also known as ASC1p100, is a subunit of the activating signal cointegrator 1 complex. ASCC2 plays a role in DNA damage repair as a component of the ASCC complex, recruiting ASCC3 and ALKBH3 to sites of DNA damage by binding to polyubiquitinated proteins that have 'Lys-63'-linked polyubiquitin chains. Additionally, it is part of the ASC-1 complex that enhances NF-kappa-B, SRF, and AP1 transactivation(PMID: 29144457, 12077347).

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

T: 4006900926

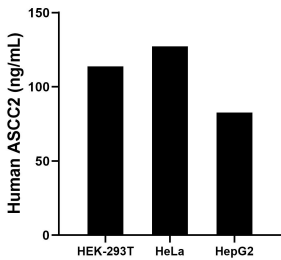
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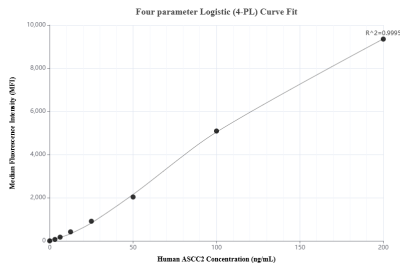
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Selected Validation Data

Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using ASCC2 antibody (86086-2-RR, Clone: 250566B11) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86086-2-PBS in a different storage buffer formulation.



The mean ASCC2 concentration was determined to be 113.7 ng/mL in HEK-293T cell extract based on a 1.2 mg/mL extract load, 127.2 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 82.7 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02784-1, ASCC2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86086-1-PBS. Detection antibody: 86086-2-PBS. Standard: Ag2100. Range: 3.125-200 ng/mL.