For Research Use Only

CYP2S1 Monoclonal antibody, PBS Only (Capture)

Catalog Number:68198-1-PBS

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Basic Information

Catalog Number:
68198-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG4605

GenBank Accession Number:
BC033691

GeneID (NCBI):
29785

UNIPROT ID:
Q96SQ9

Full Name:
cytochrome P450, family 2, subfamily S, polypeptide 1

Calculated MW:
504 aa, 56 kDa

Observed MW:
50-56 kDa

Purification Method:
Protein G purification

CloneNo.:
3E5D4

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, Pig

Background Information

The cytochrome P450 (CYP) family of isoenzymes are involved in the metabolism of diverse endogenous compounds and detoxification of exogenous agents. Cytochrome P450 2S1 (CYP2S1) is one 'orphan' CYP, and is particularly expressed in epithe-lial cells of tissues which are exposed to the environment such as the skin, respiratory, gastrointes-tinal, and urinary tracts. CYP2S1 is associated primarily with the synthesis and metabo-lism of lipids including prostaglandins (PGE2) and retinoids. In addition, CYP2S1 expression is associated with patient survival in breast cancer.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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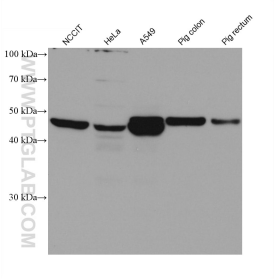
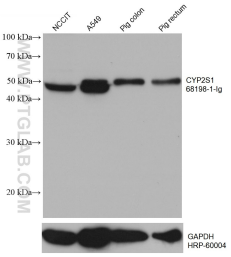
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68198-1-Ig (CYP2S1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68198-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 68198-1-Ig (CYP2S1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68198-1-PBS in a different storage buffer formulation.