

**CAB11747**

## Product Information

<b>Product SKU:</b>	CAB11747	<b>Gene ID:</b>	5243	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse

## Additional Information

<b>Observed MW:</b>	160-200kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	141kDa	<b>Isotype:</b>	IgG

## Immunogen Information

<b>Background:</b>	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The protein encoded by this gene is an ATP-dependent drug efflux pump for xenobiotic compounds with broad substrate specificity. It is responsible for decreased drug accumulation in multidrug-resistant cells and often mediates the development of resistance to anticancer drugs. This protein also functions as a transporter in the blood-brain barrier. Mutations in this gene are associated with colchicine resistance and Inflammatory bowel disease 13. Alternative splicing and the use of alternative promoters results in multiple transcript variants.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000
<b>Synonyms:</b>	CLCS; MDR1; P-GP; PGY1; ABC20; CD243; GP170; p-170; P Glycoprotein
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 603-692 of human P Glycoprotein (NP_000918.2).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.