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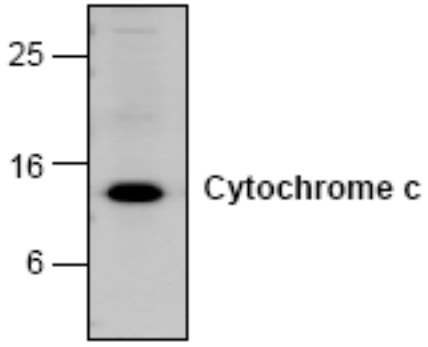
CYCS

Mouse Anti-Multispecies Cytochrome C (Clone 7H8.2C12) mAb

Catalog No.	CMC439	**Quantity:**	50 µg
Alternate Names:	CYC, CYCSA		
Description:	The monoclonal antibody recognizes Cytochrome c (mw 12,500 Da), an electron transport protein from mitochondria. It is released from mitochondria to cytoplasm during the early stages of apoptosis, prior to caspase activation, DNA fragmentation, and loss of membrane potential. The cytoplasmic cytochrome c is associated with Apaf-1 and caspase-9 to activate caspase-3 and other caspases.		
Concentration:	0.2 mg/ml		
Specificity:	Detects a 12.0 kDa protein corresponding to the apparent molecular weight of cytochrome c.		
Cross-Reactivity:	Reacts with human, mouse, and rat.		
Host:	Mouse		
Isotype:	IgG2b		
Immunogen:	Pigeon cytochrome c		
Clone:	7H8.2C12		
Formulation:	Liquid in PBS + 50% glycerol + 0.5% BSA + 0.01% Thimerosol. Precaution: Thimerosol is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Affinity purified		
Applications:	Western Blot		
Application Notes:	WB: use a working dilution of 0.5-4 µg/ml. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at -20°C. **Avoid repeated freeze-thaw cycles.**		

Western Blot anlaysis of cytochrome c with Jurkat cell lysate



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