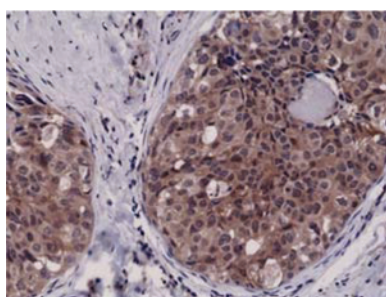


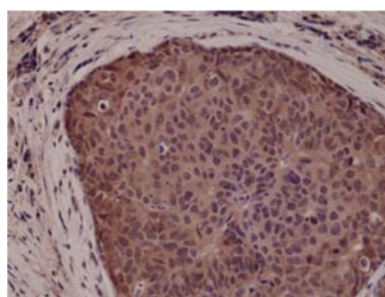
細胞凋亡為程式性細胞死亡 (Programmed cell death) 的過程，是細胞主動性死亡的方式。在細胞死亡的過程中，會涉及一系列細胞內的生理現象，包括細胞皺縮、染色質凝聚、膜起泡、細胞核塌陷瓦解和 DNA 片斷化等。可由 Caspase 活化、Annexin V 結合程度、粒線體膜電位的變化、DNA 片斷化、細胞色素 c 釋放等特徵來監控細胞凋亡。

Apoptosis Biomarkers

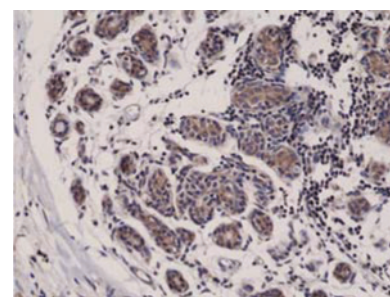
目錄	產品名稱	應用	物種
H0000835-M10	CASP2 monoclonal antibody	IF, WB, ELISA	Human
H0000835-D01P	CASP2 purified MaxPab rabbit polyclonal antibody	WB	Human
H0000836-M02	CASP3 monoclonal antibody	ELISA, In situ PLA	Human
H0000836-D01	CASP3 MaxPab rabbit polyclonal antibody	IF, WB, ELISA	Human
MAB14911	CASP3 monoclonal antibody	WB	Human
H0000839-D01P	CASP6 purified MaxPab rabbit polyclonal antibody	WB	Human
H0000840-D01	CASP7 MaxPab rabbit polyclonal antibody	WB, ELISA	Human
MAB14906	CASP7 monoclonal antibody	IHC, WB	Human
H0000842-M01	CASP9 monoclonal antibody	IF, WB, ELISA	Human
H0000843-M04	CASP10 monoclonal antibody	IF, WB, ELISA	Human
MAB14909	p38 MAPK (phospho T180/Y182) monoclonal antibody	IHC, WB	Human
MAB14910	p38 MAPK monoclonal antibody	IHC, WB	Human
MAB14912	AKT (phospho S473) monoclonal antibody	IHC, WB	Human
MAB14913	AKT1 monoclonal antibody	IHC, WB	Human
MAB14904	CD47 monoclonal antibody	Flow Cyt, IHC	Human
MAB14903	CDKN2A monoclonal antibody	Flow Cyt, IHC, WB	Human
MAB14907	CRYAB monoclonal antibody	IHC	Human
MAB14908	RSK1 (phospho T359/S363) monoclonal antibody	IHC, WB	Human
MAB14915	DIABLO monoclonal antibody	IHC, WB	Human
MAB14914	STAT3 (phospho Y705) monoclonal antibody	IHC, WB	Human
MAB14905	STAT5 monoclonal antibody	IHC	Human
MAB14897	TIA1 monoclonal antibody	Flow Cyt, IF, WB	Human



MAB14911
CASP3 Mab staining of human breast cancer tissue



MAB14910
p38 MAPK Mab staining of human breast cancer tissue



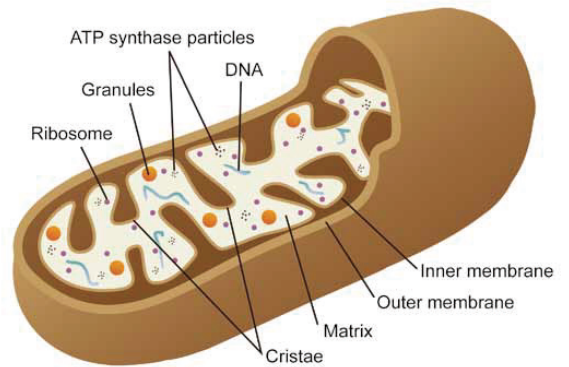
MAB14915
DIABLO Mab staining of human breast cancer tissue

相關產品

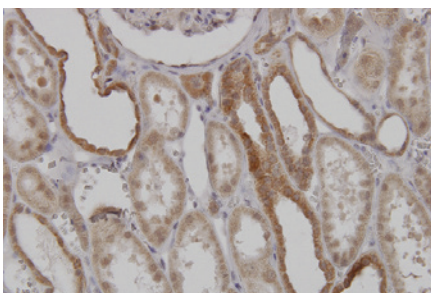
目錄	產品名稱	檢體種類	物種
KA0740	Caspase-3 Assay Kit (Colorimetric)	Cell Lysate	Mammals
KA0741	Caspase-3 Assay Kit (Fluorometric)	Cell Lysate	Mammals
AA0015	Apoptosis Phospho-Specific Array	Cultured Cells, Frozen Tissue, FFPE Tissue, Serum	Mammals
KA0766	Cathepsin B Activity Assay Kit	Cell Lysate, Tissue Lysate	Mammals

粒線體負責細胞內的有氧呼吸並產生細胞所需的ATP，在其他代謝路徑中亦扮演著關鍵角色，如訊號傳遞、細胞分化、細胞凋亡、細胞週期和細胞生長。粒線體內有許多不同類型的蛋白質，包括ATP合成酶、轉運蛋白和多種負責電子轉運和氧化磷酸化的細胞色素。

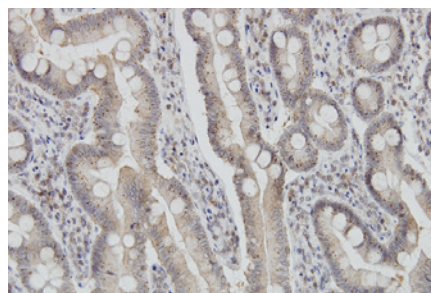
若粒線體一旦發生問題，則會造成疾病，包括神經性疾病、心功能障礙，且可能對老化過程有所影響，通常經由遺傳或線粒體DNA突變所造成，甚至可能會遺傳至下一代。



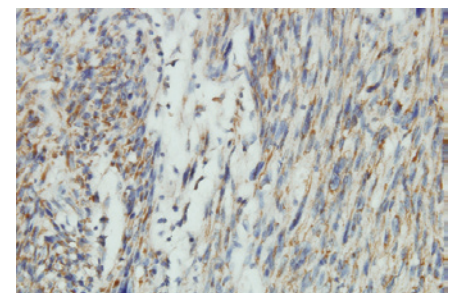
目錄	產品名稱	應用	物種
H0000204-M01	AK2 monoclonal antibody (M01), clone 3F1	ELISA	Human
H00008125-M01	ANP32A monoclonal antibody (M01), clone 2G11-4A5	ELISA, IF, IHC-P, WB	Human
H00080830-M03	APOL6 monoclonal antibody (M03), clone 1F7	ELISA, WB	Human
H00000581-M01	BAX monoclonal antibody (M01), clone 1F5-1B7	ELISA, IF, IHC-P, PLA-Ce, WB	Human
H00010059-M01	DNM1L monoclonal antibody (M01), clone 3B5	ELISA, IHC-P, WB	Human
H00023474-B01P	ETHE1 purified MaxPab mouse polyclonal antibody (B01P)	Det Ab, IF, IHC-P, WB	Human
H00051024-M01	FIS1 monoclonal antibody (M01), clone 1G9	IHC-P, S-ELISA, WB	Human
H00027429-M02	HTRA2 monoclonal antibody (M02), clone 4F10	ELISA, IF, WB	Human
H00009768-M01	KIAA0101 monoclonal antibody (M01), clone 3C11-1F11	ELISA, IF, IHC-P, WB	Human
H00009927-M01	MFN2 monoclonal antibody (M01), clone 6A8	ELISA, IHC-P, WB	Human, Mouse, Rat
H00005245-M01	PHB monoclonal antibody (M01), clone 3F4-2B2	ELISA, IF, IHC-P, WB	Human, Mouse, Rat
H00087178-B01P	PNPT1 purified MaxPab mouse polyclonal antibody (B01P)	Det Ab, IF, WB	Human, Rat
H00055486-M02	PSARL monoclonal antibody (M02), clone 4F4	ELISA	Human
H00005894-M03	RAF1 monoclonal antibody (M03), clone 1H4	ELISA, PLA-Ce, RNAi-Ab, WB	Human, Rat
H00051100-M01	SH3GLB1 monoclonal antibody (M01), clone 1B3-A5	ELISA, IHC-P, WB	Human
H00007038-M01	TG monoclonal antibody (M01), clone 1G3	ELISA, IF, WB	Human
H00010131-B01	TRAP1 MaxPab mouse polyclonal antibody (B01)	Det Ab, IF, WB	Human



H00009927-M01
Immunoperoxidase of monoclonal antibody to MFN2 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



H00051024-M01
Immunoperoxidase of monoclonal antibody to FIS1 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



H00010059-M01
Immunoperoxidase of monoclonal antibody to DNM1L on formalin-fixed paraffin-embedded human leiomyosarcoma tissue. [antibody concentration 1 ug/ml]

相關產品

目錄	產品名稱	檢體種類	物種
KA0777	Mitochondria/Cytosol Fractionation Kit	Cell, Tissue	Mammals
KA0778	Mitochondrial Apoptosis Detection Kit	Cell	Mammals
KA0895	Mitochondrial DNA Isolation Kit	Cell	Mammals
KA0945	Mitochondrial IgG ELISA Kit	Plasma, Serum	Human