产品名称：C17ORF53 Mouse Monoclonal Antibody
产品货号：AMM83045

产品概述（Summary）

产品名称（Production Name）	C17ORF53 Mouse Monoclonal Antibody
描述（Description）	Mouse monoclonal Antibody
宿主（Host）	Mouse
应用（Application）	ICC,ELISA,FC
种属反应性（Reactivity）	Human

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	Mouse IgG2b
克隆（Clonality）	Monoclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Purified antibody in PBS with 0.05% sodium azide
纯化方式（Purification）	Affinity Purification

免疫原信息（Immunogen）

基因名（Gene Name）	C17ORF53
别名（Alternative Names）	C17ORF53
基因 ID（Gene ID）	78995.0
蛋白 ID（SwissProt ID）	Q8N3J3.Purified recombinant fragment of human C17ORF53 (AA: 282-527) expressed in E. Coli.

产品应用（Application）

稀释比（Dilution Ratio）	ICC 1:20-1:50,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量（Molecular Weight）	69.8kDa

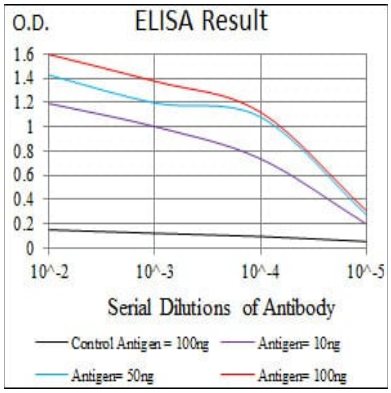
研究背景（Background）

C17orf53 (chromosome 17 open reading frame 53) is a 647 amino acid protein that is encoded by a gene mapping to

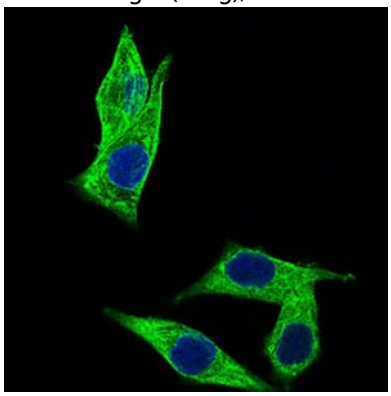
human chromosome 17. Chromosome 17 makes up over 2.5% of the human genome with about 81 million bases encoding over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. Chromosome 17 is also linked to neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth. Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are also associated with chromosome 17.

研究领域（Research Area）

图片（Image Data）



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunofluorescence analysis of HepG2 cells using C17ORF53 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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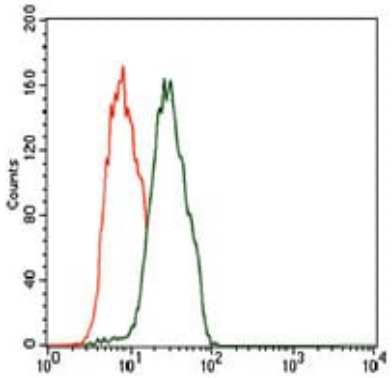

Flow cytometric analysis of Jurkat cells using C17ORF53 mouse mAb (green) and negative control (red).

注意事项（Note）

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