

# Anti-SMCC Antibody [6-F6]

## M1510-4



<b>Product Type:</b>	Mouse monoclonal IgG1, primary antibodies
<b>Species reactivity:</b>	Species independent
<b>Applications:</b>	ELISA
<b>Clone number:</b>	6-F6

**Description:** Succinimidyl-4-(N-maleimidomethyl)cyclohexane-1-carboxylate (SMCC) is a non-cleavable and membrane permeable crosslinker. It contains an amine-reactive N -hydroxysuccinimide (NHS ester) and a sulfhydryl-reactive maleimide group. NHS esters react with primary amines at pH 7-9 to form stable amide bonds. Maleimides react with sulfhydryl groups at pH 6.5-7.5 to form stable thioether bonds. The maleimide groups of SMCC and Sulfo-SMCC and are unusually stable up to pH 7.5 because of the cyclohexane bridge in the spacer arm.

**Immunogen:** Recombinant protein fused with SMCC.

**Recommended Dilutions:**  
**ELISA** 1:50,000-1:100,000

**Storage Buffer:** 1\*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

**Storage Instruction:** Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

**Purity:** Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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**Fig1: 1. High specificity**

Due to their recognition of only one epitope, mAbs are best known for their high specificity. Producing highly specific monoclonal antibodies supplies researchers with the benefits of improved target identification and less background signal.

**2. Batch-to-batch reproducibility**

Since a monoclonal antibody is made by cloning a unique white blood cell. All subsequent products developed from this antibody trace back to its original, unique parent cell. This makes for great batch-to-batch reproducibility.

**3. Guaranteed long term supply**

Hybridoma serves as a continuous source of monoclonal antibody.

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**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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