

The bar graph displays the percentage of free arachidonic acid relative to the control (w/o MAF02) for three different inhibitor conditions: 10 μ M SB203580, 10 μ M SP600125, and 10 μ M PD98059. For each condition, two bars are shown: a grey bar for 'w/o MAF02' and a black bar for '50 μ g/ml MAF02'. Error bars represent standard deviation. The black bars consistently show a higher percentage of free arachidonic acid compared to the grey bars, indicating that MAF02 increases the release of free arachidonic acid. The increase is most pronounced in the control condition (no inhibitors) and is also significant in the presence of all three inhibitors. The PD98059 condition shows a statistically significant difference (***).

Inhibitor	Condition	w/o MAF02 (%)	50 μ g/ml MAF02 (%)
10 μ M SB203580	-	~100	~520
	+	~80	~380
10 μ M SP600125	-	~80	~450
	+	~60	~170***
10 μ M PD98059	-	~80	~450
	+	~60	~170***

Western blot analysis of ERK1/2, JNK, and p38 phosphorylation. The figure is divided into three panels. The left panel shows ERK1/2 and p-ERK1/2. The middle panel shows JNK and p-JNK. The right panel shows p38 and p-p38. Each panel has four lanes: control (-), 1h (1), 2.5h (2.5), and 5h (5) treatment with 50 µg/ml MAF02. Phosphorylation levels increase over time for all three proteins.