$$\begin{array}{ccc}
M_{s} \times_{t} M & \xrightarrow{c} & M \\
C & & \downarrow \\
F_{M} \times F_{M} \downarrow & & \circlearrowleft & \downarrow F_{M} \\
M'_{s'} \times_{t'} & \xrightarrow{c'} & M'
\end{array}$$