Regular expression

$\{a, b\}$ that do not contain aba

$(a^+ \cdot bb + b^+ a^* bb)^* a^* b^*$

*) wherever we get 'ab' we must either end the string or add a 'b'

by force : $a^+ bb$.

•)And if we are starting from b then we can append as many as we want at the end: $b^+ a^* bb$.